

756. a. 11
II
Merlinus Anglicus Junior:
OR, THE
STARRY MESSENGER,

For the YEAR of our Redemption, 1761.

BEING the first after
Bissextile, or Leap Year:

Wherein is contained,

- I. Astronomical, Astrological, and Meteorological Observations.
- II. The State of the Year deduced according to Art, from Solar Ingresses, Eclipses, various Configurations, Aspects and Conjunctions of the Seven Planets.
- III. The Rising, Southing, and Setting of the Moon and Planets, and High-Water at *London-Bridge*.

IV. Tables of the Rising, Southing, and Setting of the Seven Stars, and other Fixed Stars of Note.

A perpetual Table of the Rising and Setting of the Sun, Beginning and Ending of Twilight, and Length of the Day and Night, to every fifth Day throughout the Year;

With many other Tables pertinent for such a Work.

All accommodated to the Meridian of LONDON, whose Latitude is 51 Degrees, 32 Minutes North, but will serve for any Part of Great-Britain or Ireland. The like not Extant.

By HENRY COLEY, Student in the
Mathematicks and the *Celestial Science*.

I will behold the Heavens, even the Works of thy Fingers, the Moon and Stars which thou hast ordained. Psa. lxxxiii. 3.

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[Price Stitch'd Nine Pence.]

Spencerian. K.

A perpetual TABLE of Day-break, Twi- light, &c. in the Latitude of London.

Mon.	Day	Break of Da.	Twili. ends.	Sun rise.	Sun set.	Length of Day.	Length Night.	Pl. H. by D.	Pl. H. by N.
1761.		H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
Jan.	1	5 59	6 18	8 10	3 50	7 48	16 20	39 1	21 1
	6	5 57	6 28	8 06	3 54	7 48	16 11	38 1	21 1
	12	5 53	6 37	8 01	3 59	7 58	16 02	40 1	20 1
	17	5 48	6 47	7 55	4 05	8 10	15 54	40 1	20 1
	22	5 42	6 54	7 48	4 12	8 24	15 36	42 1	18 1
	27	5 36	7 02	7 40	4 20	8 40	15 20	43 1	17 1
Feb.	1	5 30	7 08	7 31	4 29	8 58	15 20	44 1	16 1
	6	5 22	7 17	7 23	4 37	9 14	14 46	46 1	14 1
	12	5 13	7 27	7 13	4 47	9 24	14 26	47 1	13 1
	17	5 04	7 36	7 03	4 57	9 54	14 06	49 1	11 1
	22	4 55	7 45	6 53	5 07	10 14	13 46	51 1	9 1
	27	4 46	7 54	6 43	5 17	10 34	13 26	53 1	7 1
Mar.	4	4 36	8 02	6 33	5 27	10 54	13 06	54 1	6 1
	9	4 25	8 11	6 24	5 26	11 12	12 46	56 1	5 1
	12	4 19	8 21	6 18	5 42	11 24	12 36	57 1	4 1
	17	4 08	8 30	6 08	5 52	11 46	12 16	59 1	3 1
	22	3 57	8 39	5 58	6 02	12 04	11 56	01 1	2 1
	27	3 45	8 48	5 48	6 12	12 24	11 36	02 1	1 1
Apr.	1	3 33	8 57	5 38	6 22	12 44	11 16	03 1	0 1
	6	3 20	9 06	5 28	6 32	13 04	10 56	05 1	0 1
	12	3 04	9 16	5 17	6 43	13 26	10 34	07 1	0 1
	17	2 51	9 25	5 07	6 53	13 46	10 14	09 1	0 1
	22	2 35	9 35	4 58	7 02	14 04	9 56	11 1	0 1
	27	2 19	9 44	4 49	7 13	14 22	9 38	12 1	0 1
May	2	2 02	9 54	4 40	7 20	14 40	9 20	13 1	0 1
	7	1 47	10 03	4 32	7 28	14 56	9 04	15 1	0 1
	12	1 23	10 13	4 23	7 37	15 14	8 46	16 1	0 1
	17	0 50	10 22	4 16	7 44	15 28	8 32	17 1	0 1
	22	0 14	10 31	4 08	7 52	15 44	8 16	19 1	0 1
	27	conti-	No	4 02	8 00	15 56	8 00	20 1	0 1
June	1	nual	night	3 57	8 03	16 06	7 54	20 1	0 1
	6	Day	but	3 53	8 08	16 16	7 44	21 1	0 1
	12	and	con-	3 50	8 10	16 20	7 40	21 1	0 1
	17		nual	3 48	8 12	16 24	7 36	22 1	0 1
	22	no	Twil-	3 47	8 13	16 26	7 34	22 1	0 1
	27	night.	light.	3 48	8 12	16 24	7 36	22 1	0 1

A perpetual TABLE of Day-break, Twi-
light, &c. in the Latitude of London.

Mon.	Days	Break of Da.	Twili. ends.	Sun rise.	Sun sets.	Length of Day.	Length Night.	Pl. H. by D.	Pl. H. by N.
		H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
July	2			3 50	8 10	16 20	7 40	1 21	0 39
	7			3 52	8 8	16 16	7 44	1 21	0 40
	12	no re- al Ni.	Twili- light.	3 57	8 3	16 6	7 54	1 20	0 40
	17			4 3	7 57	15 54	8 6	1 20	0 40
	22	0 19	11 41	4 8	7 52	15 44	8 16	1 19	0 41
	27	0 59	11 1	4 15	7 45	15 30	8 30	1 17	0 43
Aug	1	1 24	10 36	4 23	7 37	15 14	8 46	1 16	0 44
	6	1 44	10 16	4 30	7 30	15 2	9 0	1 15	0 45
	12	2 6	9 54	4 39	7 21	14 42	9 18	1 13	0 47
	17	2 23	9 37	4 48	7 12	14 24	9 36	1 12	0 48
	22	2 38	9 22	4 57	7 3	14 6	9 54	1 10	0 50
	27	2 53	9 7	5 6	6 54	13 48	10 12	1 9	0 51
Sept	1	3 7	8 53	5 16	6 44	13 28	10 32	1 7	0 53
	6	3 21	8 39	5 26	6 34	13 8	10 52	1 5	0 55
	12	3 35	8 25	5 38	6 22	12 44	11 16	1 3	0 57
	17	3 47	8 13	5 47	6 13	12 26	11 34	1 2	0 58
	22	3 59	8 1	5 57	6 3	12 6	11 54	1 0	1 0
	27	4 10	7 50	6 7	5 53	11 44	12 14	0 59	1 1
Oct	2	4 21	7 39	6 17	5 43	11 26	12 34	0 57	1 3
	7	4 31	7 29	6 26	5 34	11 8	12 52	0 56	1 4
	12	4 41	7 19	6 36	5 24	10 48	13 12	0 54	1 6
	17	4 51	7 9	6 46	5 14	10 28	13 32	0 53	1 8
	22	5 0	7 0	6 56	5 4	10 8	13 52	0 51	1 9
	27	5 9	6 51	7 5	4 55	9 53	14 10	0 49	1 11
Nov	1	5 17	6 43	7 14	4 46	9 32	14 28	0 47	1 13
	6	5 24	6 36	7 24	4 36	9 12	14 48	0 46	1 14
	12	5 33	6 27	7 34	4 26	8 52	15 8	0 44	1 16
	17	5 39	6 21	7 42	4 18	8 36	15 24	0 43	1 17
	22	5 45	6 15	7 49	4 11	8 22	15 38	0 43	1 18
	27	5 51	6 9	7 56	4 4	8 8	15 52	0 40	1 20
Dec	1	5 54	6 6	8 2	3 58	7 56	6 4	0 39	1 21
	6	5 57	6 3	8 7	3 53	7 41	6 14	0 39	1 21
	12	5 59	6 1	8 10	3 50	7 4	6 20	0 38	1 21
	17	6 1	5 59	8 12	3 48	7 36	6 24	0 38	1 21
	22	6 1	5 59	8 13	3 47	7 34	6 26	0 39	1 22
	27	6 1	5 59	8 12	3 48	7 36	6 24	0 38	1 21

A TIDE TABLE shewing, Morning and Afternoon, the true Times of High-Water at London-Bridge, 1761.

January.				February.				March.				April.			
Days.	Morn.		After.	Days.	Morn.		After.	Days.	Morn.		After.	Days.	Morn.		After.
	h.	m.			h.	m.			h.	m.			h.	m.	
1	10	0	10 29	1	11	7	11 39	1	9	28	10 3	1	11	13	11 17
2	10	58	11 28	2			0 10	2	10	38	11 11	2			0 1
3	11	57		3	0	38	1 6	3	11	44		3	0	38	1 1
4	0	22	0 48	4	1	32	1 58	4	0	12	0 40	4	1	27	1 1
5	1	14	1 40	5	2	21	2 44	5	1	6	1 31	5	2	13	2 1
6	2	6	2 31	6	3	0	3 16	6	1	55	2 19	6	2	54	3 1
7	2	50	3 8	7	3	31	3 47	7	2	38	2 56	7	3	29	3 4
8	3	25	3 41	8	4	1	4 15	8	3	12	3 28	8	4	6	4 1
9	3	35	4 9	9	4	32	4 49	9	3	43	3 57	9	4	46	5 1
10	4	27	4 44	10	5	7	5 26	10	4	14	4 32	10	5	37	6 1
11	5	1	5 18	11	5	50	6 14	11	4	52	5 12	11	6	37	7 1
12	5	38	5 58	12	6	42	7 10	12	5	37	6 2	12	7	46	8 1
13	6	22	6 46	13	7	44	8 18	13	6	32	7 3	13	9	0	9 1
14	7	12	7 38	14	8	56	9 35	14	7	39	8 15	14	10	13	10 1
15	8	10	8 41	15	10	16	10 57	15	8	56	9 38	15	11	20	11 1
16	9	18	9 56	16	11	37		16	10	16	10 55	16			0 1
17	10	34	11 13	17	0	16	0 48	17	11	32		17	0	44	1 1
18	11	51		18	1	21	1 50	18	0	8	0 37	18	1	31	2 1
19	0	30	1 4	19	2	19	2 40	19	1	6	1 32	19	2	15	2 1
20	1	38	2 9	20	3	1	3 17	20	1	58	2 19	20	2	51	3 1
21	2	40	3 1	21	3	32	3 47	21	2	40	2 56	21	3	24	3 1
22	3	22	3 39	22	4	1	4 17	22	3	12	3 27	22	3	53	4 1
23	3	56	4 14	23	4	33	4 50	23	3	42	3 55	23	4	26	4 1
24	4	32	4 49	24	5	7	5 25	24	4	8	4 26	24	5	3	5 1
25	5	6	5 24	25	5	44	6 8	25	4	44	5 2	25	5	4	6 1
26	5	42	6 3	26	6	31	6 57	26	5	21	5 43	26	6	38	7 1
27	6	25	6 48	27	7	22	7 52	27	6	5	6 31	27	7	33	8 1
28	7	11	7 37	28	8	21	8 55	28	6	58	7 28	28	8	34	9 1
29	8	3	8 33					29	7	58	8 31	29	9	3	10 1
30	9	2	9 33					30	9	4	9 37	30	10	36	11 1
31	10	4	10 36					31	10	11	10 42				

This Table of High Water may serve any of the following Places, by adding or subtracting the Hour and Minute against the Place required, as the Title directs, H.

Adding for	Tinmouth Haven, Hartle-Pool, and Amsterdam	0
	Brest	1
	Scilly and Mounts-Bay	1
	Humber and Bridlington-Pier	2
	Fowey, Loo, and Plymouth	3

TIDE TABLE, shewing Morning and Afternoon, the true Times of High Water at London-Bridge, 1761.

May		June.		July.		August.	
Morn.	After.	Morn.	After.	Morn.	After.	Morn.	After.
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
11 36		1 0 19	0 48	1 0 52	1 27	2 44	3 7
0 3	0 31	2 1 18	1 48	2 2 1	2 34	3 26	3 44
0 57	1 22	3 2 18	2 48	3 2 58	3 22	4 1	4 17
1 48	2 13	4 3 10	3 31	4 3 41	4 0	4 36	4 54
2 36	2 59	5 3 52	4 13	5 4 22	4 43	5 12	5 59
3 19	3 38	6 4 38	5 3	6 5 3	5 22	6 50	6 12
3 59	4 20	7 5 27	5 50	7 5 44	6 6	7 6	7 0
4 45	5 10	8 6 17	6 44	8 6 30	6 53	7 26	7 53
5 38	6 6	9 7 11	7 38	9 7 18	7 42	8 23	8 54
6 37	7 9	10 8 6	8 34	10 8 9	8 36	9 27	10 0
7 41	8 13	11 9 2	9 29	11 9 6	9 35	10 31	11 1
8 4	9 17	12 9 58	10 27	12 10 5	10 35	11 36	
9 48	10 19	1 10 54	11 22	1 11 6	11 36	0 9	0 36
10 47	11 15	2 11 49		2 12 0	4	1 4	1 28
11 42		3 12 15	0 41	3 13 1	0	2 53	2 16
0 9	0 33	4 1 6	1 30	4 1 27	1 53	3 39	3 55
0 56	1 18	5 1 55	2 19	5 2 18	2 38	4 11	4 26
1 41	2 5	6 2 43	3 1	6 2 58	3 14	5 40	5 53
2 28	2 46	7 3 19	3 35	7 3 30	3 45	6 5	6 22
3 4	3 20	8 3 50	4 6	8 3 59	4 14	7 39	7 56
3 35	3 52	9 4 22	4 40	9 4 29	4 46	8 13	8 34
4 8	4 27	10 4 59	5 17	10 5 3	5 20	9 55	10 42
4 46	5 5	11 5 35	5 55	11 5 38	6 0	10 49	11 21
5 24	5 47	12 6 16	6 38	12 6 22	6 46	11 54	12 36
6 10	6 35	1 7 1	7 26	1 7 11	7 40	12 14	1 3
7 9	7 25	2 7 51	8 20	2 8 10	8 46	1 19	2 20
7 50	8 19	3 8 50	9 24	3 9 22	9 2		0 1
8 48	9 19	4 9 58	10 32	4 10 43	10 23	0 34	1 7
9 49	10 19	5 11 6	11 42	5 12 0	4	1 37	2 7
10 48	11 19	6 12 0	0 18	6 13 0	15	2 31	2 54
11 50		7 13 0		7 14 0	20	3 11	3 27

	Adding for	H. M.
Dartmouth, Harborough, and Hull		3 30
Torbay, and Tinmouth		3 40
Exmouth, Topham, and Lime		3 50
Weymouth		4 20
Bridgewater, and Texel		4 45
Portland, Harfleur, and without the Ulie		5 50

A TIDE TABLE shewing, Morning and Afternoon the true Times of High Water at London Bridge, 1761.

September.			October.			November.			December.		
Days.	Morn.		After.	Days.	Morn.		After.	Days.	Morn.		After.
	h.	m.			h.	m.			h.	m.	
1	3	42	3 56	1	3	54	4 8	1	4	47	5 7
2	4	12	4 28	2	4	22	4 45	2	5	29	5 51
3	4	46	5 4	3	5	5	5 24	3	6	17	6 43
4	5	24	5 43	4	5	48	6 12	4	7	10	7 36
5	6	8	6 32	5	6	40	7 8	5	8	5	8 34
6	6	39	7 25	6	7	38	8 7	6	9	3	9 32
7	7	57	8 29	7	8	39	9 12	7	10	1	10 29
8	9	2	9 38	8	9	44	10 16	8	10	58	11 26
9	10	11	10 44	9	10	46	11 16	9	11	53	
10	11	16	11 47	10	11	44		10	0	20	0 45
11			0 14	11	0	12	0 36	11	1	9	1 35
12	0	46	1 5	12	1	0	1 23	12	2	1	2 26
13	1	29	1 52	13	1	43	2 8	13	2	50	3 10
14	2	13	2 34	14	2	32	2 49	14	3	29	3 49
15	2	52	3 8	15	3	6	3 23	15	4	8	4 33
16	3	23	3 37	16	3	4	3 58	16	4	58	5 24
17	3	51	4 7	17	4	15	4 38	17	5	49	6 19
18	4	23	4 43	18	5	1	5 27	18	6	49	7 19
19	5	3	5 25	19	5	53	6 25	19	7	49	8 21
20	5	48	6 19	20	6	58	7 33	20	8	54	9 26
21	6	50	7 26	21	8	8	8 45	21	9	57	10 26
22	8	2	8 42	22	9	22	9 58	22	10	55	11 23
23	9	22	10 3	23	10	33	11 5	23	11	52	
24	10	43	11 20	24	11	36		24	0	17	0 42
25	11	56		25	0	4	0 32	25	1	6	1 30
26	0	26	0 56	26	0	57	1 21	26	1	55	2 20
27	1	22	1 48	27	1	45	2 9	27	2	40	3 0
28	2	12	2 36	28	2	29	2 48	28	3	16	3 32
29	2	53	2 9	29	3	4	3 20	29	3	4	4 4
30	3	24	3 29	30	3	36	3 52	30	4	24	4 43
				31	4	10	4 27				

From the Time of High Water in this Table, subtract H.

For Leigh, Maes and Gouries-Gut	0
For Gravesend, Rochester, and Rammekins	1
For Buoy of the Nore, and Flushing	1
For Shore-Beacon, Portsmouth, Red-Sand, and Ostend	2
For Spithead, Harwich, Dover, and Calais	3
For Orfordness, Gunfleet, Shoreham, and Dieppe	4
For Needles, and Yarmouth-Pier	4
For St Helen's, and Havre de Grace	5

A Table of Terms and Returns for the Year 1761.

Hilary Term begins January 23, ends February 12.

Returns or Effoign Days.	Exc.	Ret.	App.	D. W.
In eight Days of <i>St Hilary</i> , Jan. 20	21	22	23	Frid.
From the Day of <i>St Hilary</i> in 15 Days, 27	28	29	30	Frid.
On the morrow of the Purif. bl. <i>V. Mary</i> , Feb. 3	4	5	6	Frid.
In eight Days of the Purif. bl. <i>V. Mary</i> , 9	10	11	12	Tburf.

Easter Term begins April 8, ends May 4.

From the Day of <i>Easter</i> in 15 Days, April 5	6	7	8	Wedn.
From the Day of <i>Easter</i> in 3 Weeks, 12	13	14	15	Wedn.
From the Day of <i>Easter</i> in one Month, 19	20	21	22	Wedn.
From the Day of <i>Easter</i> in five Weeks, 26	27	28	29	Wedn.
On the morrow of the <i>Ascension</i> , May 1	2	3	4	Mond.

Trinity Term begins May 22, ends June 10.

On the morrow of the holy <i>Trinity</i> , May 18	19	20	22	Frid.
In eight Days of the holy <i>Trinity</i> , 24	25	26	27	Wedn.
From the Day of holy <i>Trinity</i> in 15 Days, 31	1	2	3	Wedn.
From the Day of holy <i>Trin.</i> in 3 Weeks, 7	8	9	10	Wedn.

Michaelmas Term begins Nov. 6, ends Nov. 28.

On the morrow of <i>All-Souls</i> , Nov. 3	4	5	6	Frid.
On the morrow of <i>St Martin</i> , 12	13	14	16	Mond.
In eight Days of <i>St Martin</i> , 18	19	20	21	Satur.
From the Day of <i>St Martin</i> in 15 Days, 25	26	27	28	Satur.

N. B. No Sittings in *Westminster-Hall* on *Ascension-Day*, *Midsummer-Day*, and the 2d of *February*.

The *Exchequer* opens eight Days before any Term begins except *Trinity*, before which it opens but four Days.

Note, That the first and last Days of every Term, are the first and last Days of Appearance.

Common Notes for the Year 1761.

Golden Number	14	Septuages. Sunday	Jan. 18
Cycle of the Sun	6	Shrove Sunday	Feb. 1
Dominical Letter	D	Easter Day	March 22
Epoct	23	Rogation Sunday	April 26
Roman Indiction	9	Whit-Sunday	May 10
Number of Direction	1	Sundays after Trinity	27

JANUARY hath XXXI Days.

New Moon the 6th Day at 10 in the Morning.

First Quarter the 14th Day at 3 in the Morning.

Full Moon the 20th Day at 6 in the Afternoon.

Last Quarter the 27th Day at Midnight.

M	w	Saints Days & Weather.	☉	☽	☿	♈	♉	♊	♋	♌	♍	♎	♏	Mutual Aspects
1	a	Circumcision.	11	25	18	4	23	27	8	15	20			
2	b	Mild, tempe-	12	26	29	53	23	27	9	17	20			
3	c	rate Weather.	13	28	11	1	39	23	27	10	18	21		
4	D	2 S. aft. Christ.	14	29	23	26	23	28	11	19	22			d Apo
5	e	Old Christ. Day.	15	30	5	18	23	28	11	20	22			
6	f	Epiphany.	16	31	17	18	23	28	12	22	23			
7	g	Wind.	17	32	29	20	23	28	13	23	24			
8	a	Lucian.	18	33	11	35	23	28	14	24	25			
9	b	Sharp, frosty,	19	35	23	59	23	29	15	25	26			
10	c	Air.	20	36	6	36	23	29	15	26	27			
11	D	1 S. aft. Epiph.	21	37	19	22	23	29	16	28	28			* 4 8
12	e	Old N. Y. D.	22	38	2	28	23	29	17	29	29			6 1 8
13	f	Hil. Cam. T. b.	23	39	15	47	24	29	18	30	1			* 1 8
14	g	Oxf. T. begin	24	40	29	24	24	30	19	1	2			
15	a	Cloudy Weather.	25	41	13	8	20	24	0	19	3	3		
16	b	with Snow or	26	42	27	37	24	0	20	4	5			
17	c	Old Twelf. D.	27	43	12	11	13	24	0	21	5	6		
18	D	Septuag. Sund.	28	45	27	4	24	1	22	6	7			d Per
19	e	Rain.	29	46	12	25	4	24	1	23	7	9		
20	f	Moderate plea-	30	47	27	4	24	1	23	9	10			
21	g	Agnes	1	48	11	53	24	1	24	10	11			
22	a	fant Weather.	2	49	26	2	24	2	25	11	13			
23	b	Term begins.	3	30	10	33	24	2	25	12	14			
24	c	Mild Weather	4	51	24	12	25	2	26	13	16			
25	D	Sextages. Sund.	5	52	7	25	25	2	27	15	17			St Paul
26	e	for the Season	6	53	20	7	25	2	28	16	19			Conv.
27	f	No great al-	7	53	2	34	25	3	29	17	20			
28	g	teration at the	8	54	14	36	25	3	30	18	22			
29	a	present.	9	55	26	30	25	3	0	19	23			
30	b	K. Ch. I. Mart	10	56	8	19	25	3	1	21	24			* 1 8
31	c		11	57	20	28	25	4	2	22	26			

Coley. JANUARY, 1761.

The Mind employ'd in search of secret Things,
To find out Motion's Cause, and hidden Springs;
Thro' all the Ethereal Regions mounts on high,
Views all the Spheres, and ranges all the Sky:
Searches the Orbs, and penetrates the Air,
With unsuccessful Toil, and fruitless Care.

rises & sets.		Moon South.		Lunar Aspects.						Astronomical Observations.
				☉	☿	♈	♀	♊		
1	3 M 19	8 M 9		△	□					<i>Mercury</i> is Oriental, or a Morning Star all this Month, on the 1st Day rises a quarter past 6, and on the 4th Day at 6 in the Morn is with the ☿.
2	4 28	8 51		10	16	*				
3	5 43	9 36					18	*	♊	
4	6 48	10 24		□	*			12	18	
5	7 45	11 12	♊	0	8					<i>Mars</i> is Occidental and an Evening Star, and sets about a quarter past 6 all this Month, and on the 8th Day at 4 in the Afternoon is with the ☿.
6	☿ sets.	0 A 3	22							
7	4 N 41	0 47					♊			
8	5 45	1 34						♊	4	
9	7 3	2 34				♊	4	♊	*	<i>Jupiter</i> is an Evening Star all this Month, on the 1st Day sets at 8, and on the 21st Day at 7 at Night; and is with the ☿ on the 9th Day at 7 at Night.
10	8 23	3 20				7		2	4	
11	9 42	4 8	*	♊					□	
12	11 1	4 52	4	8					17	
13	Morn.	5 37	□				*			<i>Venus</i> is Occidental and on the 3d Day sets about 7, and on the 24th at 8 at Night, on the 9th Day at 2 in the Afternoon is with the ☿.
14	0 23	6 25	15	*	3	*	△		6	
15	1 41	7 13	△	*	0	□	4			
16	3 15	8 6	21	19	□	10	□			
17	4 37	9 4		□	3	△	10			
18	6 5	10 8		19	△	14	△	8		
19	7 16	11 17		△	5		15	16		
20	☿ rises.	Morn.	8 20							
21	4 N 49	0 20	6				8			
22	6 23	1 18				8	20			
23	7 52	2 16				8		8	△	
24	9 11	3 4	△	8				3	7	
25	10 27	3 50	19	2					□	
26	11 42	4 33				△	△		19	
27	Morn.	5 15	□			23	16			
28	0 53	5 55	12	△				△	*	
29	2 3	6 38		22	□	□	8	15		
30	3 16	7 23	*			12	8			
31	4 22	8 8	5	□				□		

FEBRUARY hath XXVIII Days.

New Moon the 5th Day at 4 in the Morning.
 First Quarter the 12th Day at 1 in the Afternoon.
 Full Moon the 19th Day at 6 in the Morning.
 Last Quarter the 26th Day at 8 at Night.

M	W	Saints Days.	☉	☽	☿	♂	♀	♂	♀	Mutual		
D	D	& Weather.	°	1	1	1	1	1	1	Aspects		
1	D	Shrove Sunday.	12	58	1	56	25	4	3	23	28	♂ ♀
2	e	Pur. B.V. Mary.	13	59	13	53	25	4	4	24	29	Can. D
3	f	Shrove Tued.	15	00	25	58	25	4	4	25	30	♂ ♀
4	g	Ash Wednesd.	16	00	8	15	25	5	5	26	2	
5	a	Agatha S.V.M.	17	1	20	44	25	5	6	28	4	
6	b	Snow or very	18	2	3	24	26	5	7	29	5	
7	c	cold Rain.	19	3	16	21	26	5	7	30	7	
8	D	S. in Lent.	20	3	29	27	26	6	8	1	9	
9	e	Cloudy, wet,	21	4	12	43	26	6	9	2	10	
10	f	Weather.	22	4	26	12	26	6	10	4	12	
11	g	Ember Week.	23	5	9	53	26	6	11	5	14	
12	a	Term ends.	24	6	23	44	26	6	11	6	15	
13	b	Old Candi. Day.	25	6	7	49	26	7	12	7	17	
14	c	Valentine.	26	7	22	6	27	7	13	8	19	
15	D	S. in Lent.	27	7	6	35	27	7	14	9	20	♂ ♀
16	e	Various incon-	28	8	21	10	27	7	14	11	22	
17	f	stant Weather.	29	8	5	57	27	8	15	12	24	
18	g	Cold Wind.	30	9	20	18	27	8	16	13	26	
19	a	Stormy and	1	9	4	36	27	8	17	14	27	
20	b	intemperate	2	9	18	34	27	8	18	15	29	
21	c	Weather.	3	10	2	9	27	9	18	16	30	
22	D	S. in Lent.	4	10	15	19	27	9	19	18	3	♂ ☉
23	e	Mild Weather.	5	10	28	4	27	9	20	19	5	♂ ☉
24	f	St Matthias.	6	11	10	29	28	9	21	20	7	
25	g	Wind, with	7	11	22	37	28	10	22	21	8	♂ ♀
26	a	cold Rain or	8	11	4	33	28	10	22	22	10	♂ ☉
27	b	Sleet, then fair	9	11	16	23	28	10	23	23	12	
28	c	and frosty Air.	10	11	28	13	28	10	24	24	14	♂ ♀

Coley. FEBRUARY 1761.

'Till stopp'd by awful Heights, and Gulphs immense
Of Wisdom, and of vast Omnipotence.

She trembling stands, and does in Wonder gaze,
Lost in the wild inextricable Maze.

See, how the Sun does on the middle shine,
And round the Globe describe the Equator Line.

Day	Sun Rises & Sets.	Moon South	Lunar Aspects.						Astronomical Observations.
			☉	♂	♂	♂	♀	♂	
1	5N 28	8M 58		10	*	*	4		<i>Jupiter and Mars</i> on the 1st Day are in Conjunction, and are both Occidental, and Evening Stars, and set at half an hour past 6 in the After- noon, they are both with the ☿ on the 6th Day, ♀ at 2, and ♂ at 6 in the Afternoon.
2	6 26	9 50				2	2	*	
3	7 13	10 41		*				20	
4	☿ sets.	11 33	♂	0				9	
5	4N 37	0A 23	16						<i>Mercury is a Morn- ing Star the first part of this Month, on the 11th Day rises at 7 in the Morning. on the 3d at 9 at Night is with the ☿; and on the 23d Day becomes Occidental.</i>
6	5 59	1 12			♂	♂			
7	7 22	2 3		♂	2	6			
8	8 42	2 45		19			♂	*	
9	10 4	3 32	*				4	17	<i>Saturn and Venus</i> are Occidental, and Evening Stars, on the 21st Day ☿ sets 24' past 7, and ♀ 20' past 8 at Night. On the 8th Day ♀ is with the ☿ at 7 in the Morning, and ♀ at 4 in the Afternoon.
10	11 25	4 16	15		*				
11	Morn.	5 6		16	*			□	
12	0 49	5 56	□	*	□	2	*	7	
13	2 12	6 52	1	5	21	□	21	Δ	
14	3 49	7 52	Δ	□		7		15	
15	5 2	8 56	7	8	Δ	Δ	□		
16	6 4	10 00		Δ	0	12	5		
17	6 48	11 00					Δ		
18	☿ rises.	11 58	8				10	8	
19	5N 20	Morn.	18		8	8		9	
20	6 38	0 48		8	5	21			
21	8 5	1 38		16					
22	9 21	2 24					8		
23	10 35	3 6	Δ		Δ		4	Δ	
24	11 49	3 50	14		20	Δ		13	
25	Morn.	4 32		Δ		20			
26	0 59	5 16	□	11	□			□	
27	2 8	6 1	8		10	□	Δ	12	
28	3 28	6 50		□	*	14	14		
					1	23			

MARCH hath XXXI Days.

New Moon the 6th Day at 7 in the Afternoon.

First Quarter the 13th Day at 8 at Night.

Full Moon the 20th Day at 6 in the Afternoon.

Last Quarter the 28th Day at 4 in the Afternoon.

M	W	Saints Days & Weather.	☉	☿	♂	♂	♂	♂	♂	Mutual Aspects
D	D		°	'	°	'	°	'	°	
1	D	S. in Lent.	11	11	10	6	8	11	25	16
2	e	Chadd. B. Litch.	12	12	22	7	28	11	25	18
3	f	Temperate Air.	13	12	4 ^m	25	28	11	26	20
4	g	Seasonable	14	12	16	48	29	11	27	22
5	a	Prs. Hesse born.	15	12	29	33	29	11	28	24
6	b	Weather begins	16	12	12 ^X	33	29	12	29	1 26
7	c	Perpetua.	17	11	25	47	29	12	29	2 28
8	D	S. in Lent.	18	11	9 ^Y	15	29	12	Y	3 Y 6 h
9	e	the Month.	19	11	22	55	29	12	1	4 1
10	f	Rough Wind,	20	11	6	43	29	13	2	5 3
11	g	stormy and tem-	21	11	20	39	29	13	2	6 5
12	a	Gregory.	22	11	4 ^{II}	39	Y	13	3	7 7
13	b	Cam. T. ends.	23	10	18	42	C	13	4	9 9
14	c	Oxf. T. ends.	24	10	2 ⁵	52	O	13	5	10 10
15	D	Palm Sunday.	25	10	17	4	C	14	5	11 12
16	e	Cyriacus.	26	9	1	20	O	14	6	12 13
17	f	St Patrick.	27	9	15	27	O	14	7	13 15
18	g	Ed. K. W. Sax.	28	8	29	33	O	14	8	14 16
19	a	Prs. Lou. born.	29	8	13 ^m	24	O	15	9	15 17
20	b	Good Friday	Y	7	27	1	1	15	9	16 19
21	c	Benedict Abbot.	1	7	10 ²	20	1	15	10	17 20
22	D	Easter Sunday.	2	6	23	19	1	16	11	18 21
23	e	Easter Monday	3	6	5 ^m	59	1	16	12	19 21
24	f	Easter Tuesday	4	5	18	21	1	16	12	20 22
25	g	Pr. Edw. born.	5	4	0 ^f	29	1	16	13	21 22
26	a	pestuous Wea-	6	3	12	25	1	17	14	22 23
27	b	ther, with	7	3	24	16	1	17	15	23 23
28	c	Rain, Hail, or	8	2	6 ^{1/2}	7	2	17	15	24 23
29	D	Low Sunday.	9	1	18	1	2	17	16	25 24
30	e	Sleet.	10	00	00 ^m	5	2	17	17	26 R
31	f		10	59	12	22	2	18	18	27 23

Late

Ap

Per

M. T

* 4

Coley.

MARCH 1761.

By which wise Means he can the whole survey,
 With a direct, or with a slanting Ray,
 In the succession of a Night and Day,
 Had the North Pole been fixt beneath the Sun,
 To southern Realms the Day had been unknown;
 If the South Pole had gain'd that nearer Seat,
 The northern Climes had met as hard a Fate.

M D rises		Moon		Lunar Aspects.							Astronomical	
& sets.		South.		☉	☿	♈	♉	♊	♋	Observations.		
1	4 M 19	7	VI 42	*						*	Jupiter is Oriental, and becomes a Morn- ing Star, on the first rises 39 Min. past 6, and on the 21st Day at 33 Min. past 5 in the Morning, and is with the ♀ on the 6th Day at 9 in the Morning.	
2	5 10	8	34	2	*		*	☐	12			
3	5 47	9	28		13		6	8				
4	6 15	10	20				6		*			
5	6 37	11	6				21		1			
6	☽ sets.	11	57	6		21					Saturn is an Even- ing Star until the 20th Day, at which Time he becomes a Morning Star, but not visible this Month; on the 7th Day at 7 at Night is with the ♀. Mars and Venus are Occidental Stars; on the 11th Day ☿ sets 51 Min. past 6, and ♀ 13 Min. past 10 at Night; ♂ is with the ♀ on the 7th Day at 7 at Night: and ♀ on the 10th Day at 8 in the Morning.	
7	6 N 28	0 A 45	7	6		6		6		6		
8	7 56	1 30	7		7				3			
9	9 11	2 19						6				
10	10 41	3 8			*			20				
11	Morn.	3 57	*	*	9	*					Saturn is an Even- ing Star until the 20th Day, at which Time he becomes a Morning Star, but not visible this Month; on the 7th Day at 7 at Night is with the ♀. Mars and Venus are Occidental Stars; on the 11th Day ☿ sets 51 Min. past 6, and ♀ 13 Min. past 10 at Night; ♂ is with the ♀ on the 7th Day at 7 at Night: and ♀ on the 10th Day at 8 in the Morning.	
12	0 8	4 53	1	16	☐	20	*					
13	1 32	5 50	☐	☐	14				4			
14	2 55	6 52	8	20	△	☐	*	☐				
15	4 3	7 55	△	△	17	3	11	12				
16	4 53	8 54	14	23		△	☐	△			Saturn is an Even- ing Star until the 20th Day, at which Time he becomes a Morning Star, but not visible this Month; on the 7th Day at 7 at Night is with the ♀. Mars and Venus are Occidental Stars; on the 11th Day ☿ sets 51 Min. past 6, and ♀ 13 Min. past 10 at Night; ♂ is with the ♀ on the 7th Day at 7 at Night: and ♀ on the 10th Day at 8 in the Morning.	
17	5 27	9 53				9	18	21				
18	5 51	10 46										
19	6 7	11 34			8		△					
20	☽ rises.	Morn.	8	8	2		3					
21	7 N 5	0 19	6	7		8		8			Saturn is an Even- ing Star until the 20th Day, at which Time he becomes a Morning Star, but not visible this Month; on the 7th Day at 7 at Night is with the ♀. Mars and Venus are Occidental Stars; on the 11th Day ☿ sets 51 Min. past 6, and ♀ 13 Min. past 10 at Night; ♂ is with the ♀ on the 7th Day at 7 at Night: and ♀ on the 10th Day at 8 in the Morning.	
22	8 20	1 7				0		17				
23	9 37	1 48			△							
24	10 48	2 30			18		8					
25	Morn.	3 16	△	△			3					
26	0 3	3 59	10	2	☐	△		△			Saturn is an Even- ing Star until the 20th Day, at which Time he becomes a Morning Star, but not visible this Month; on the 7th Day at 7 at Night is with the ♀. Mars and Venus are Occidental Stars; on the 11th Day ☿ sets 51 Min. past 6, and ♀ 13 Min. past 10 at Night; ♂ is with the ♀ on the 7th Day at 7 at Night: and ♀ on the 10th Day at 8 in the Morning.	
27	1 13	4 49		☐	7	3		22				
28	2 19	5 40	☐	16	*	☐						
29	3 19	6 29	4		20	18	△	☐				
30	3 53	7 22	*	*			14	11				
31	4 26	8 14	20	4		*		*				

A P R I L hath XXX Days.

New Moon the 5th Day at 7 in the Morning.
 First Quarter the 12th Day at 2 in the Morning.
 Full Moon the 19th Day at 8 in the Morning.
 Last Quarter the 27th Day at 11 in the Morning.

M	W	Saints Days	☉	☿	♂	♂	♂	♂	♂	Mutua		
D	D	& Weather.	°	1	6	1	γ	κ	γ	Aspect		
1	g	Oxf. & Cam.	11	58	24	56	2	18	18	28	23	
2	a	Terms beg.	12	57	7	50	2	18	19	29	23	
3	b	Wind and small	13	56	21	5	2	18	20	11	22	
4	c	Ambrose.	14	55	4	38	2	19	21	1	22	
5	d	2 S. aft. Easter.	15	54	18	29	3	19	22	2	21	
6	e	cold Rain.	16	53	2	34	3	19	22	3	20	
7	f	Rough Winds	17	52	16	48	3	19	23	3	20	
8	g	Term begins.	18	51	1	11	7	3	19	24	4	19
9	a	and hasty snow	19	50	15	26	3	20	25	5	18	
10	b	ers of Rain.	20	48	29	44	3	20	25	6	17	
11	c	Plentiful Falls	21	47	13	56	3	20	26	7	16	
12	d	3 S. aft. Easter.	22	46	28	2	4	20	27	8	16	
13	e	of Rain.	23	45	12	12	3	4	20	28	8	15
14	f	Fine temperate	24	44	25	50	4	21	28	9	14	
15	g	healthful Wea-	25	42	9	28	4	21	29	10	14	
16	a	ther.	26	40	22	55	4	21	8	11	13	
17	b	Very pleasant	27	39	6	7	4	21	1	12	13	
18	c	seasonable	28	38	19	4	4	21	1	12	13	
19	d	4 S. aft. Easter.	29	36	1	45	4	22	2	13	12	
20	e	Weather.	8	34	14	16	5	22	3	14	12	
21	f	Good Spring	1	33	26	30	5	22	3	14	12	
22	g	Weather.	2	31	8	3	5	22	4	15	D	
23	a	St George.	3	29	20	25	5	23	5	16	12	
24	b	Prolifick showers	4	28	2	15	5	23	6	16	12	
25	c	St Mark.	5	26	14	6	5	23	6	17	12	
26	d	5 S. aft. East.	6	24	26	1	5	23	7	18	13	
27	e	D. Cumb. b.	7	22	8	5	5	23	8	18	13	
28	f	of Rain.	8	21	20	22	6	24	9	19	14	
29	g		9	19	2	56	6	24	9	19	14	
30	a	Ascension Day.	10	17	15	52	6	24	10	20	15	

And since the Space that lies on either side
 The solar Orb, is without Limits wide;
 Grant that the Sun had happen'd to prefer
 A Seat askant, but one Diameter:
 Lost to the Light by that unhappy Place
 This Globe had lain a frozen, lonesome Mass.

Days & sets.	Moon South.	Lunar Aspects.						Astronomical Observations.
		☉	♂	♀	♂	♀	♂	
1 4 51	9 M 1				11	□	21	Saturn and Jupiter are Oriental, and Morning Stars, the 3d Day at 6 in the Morn.
2 5 9	9 51		♂		9			
3 5 32	10 39	♂	18	*				
4 y sets.	11 26	♂	22		16			
5 7 N 1	0 A 13	19		♂	♂			♂ is with the ♀, and ♀ the 4th Day at 10; on the 21st Day ♀ rises 20 Min. past 4, and 24 52 8 Min. past 3 in the Morning.
6 8 27	1 3			5	4			
7 9 56	1 55	*	*					
8 11 29	2 50	*	3	♂				
9 Morn.	3 49	*	4	□	*	5	*	Mars and Venus are Occidental, on the 1st Day, ♂ sets at 7, and ♀ 10 Min. past 11 at Night; ♂ is with the ♂ on the 5th Day at 5 in the After- noon.
10 56	4 50	7	□	6	15			
11 2 5	5 51	□	7	△	□		□	
12 3 1	6 53	14	△	3	21	*	4	
13 3 43	7 51	△	7		17	△	5	Mercury is Occiden- tal, the fore-part of this Month, but on the 8th becomes Ori- ental, and rises before the ☉ 19 Min. on the the 21st Day; and is with the ♀ on the 5th Day at 4 in the Afternoon.
14 4 6	8 43	20		△				
15 4 23	9 33		8	5	□			
16 4 38	10 20		8	20		1		
17 4 47	11 4	21			△	8		Mercury is Occiden- tal, the fore-part of this Month, but on the 8th becomes Ori- ental, and rises before the ☉ 19 Min. on the the 21st Day; and is with the ♀ on the 5th Day at 4 in the Afternoon.
18 4 56	11 46	8			9	12		
19 y rises.	Morn.	20		8				
20 8 N 42	0 29		△	1				
21 9 55	1 13	△	14					Mercury is Occiden- tal, the fore-part of this Month, but on the 8th becomes Ori- ental, and rises before the ☉ 19 Min. on the the 21st Day; and is with the ♀ on the 5th Day at 4 in the Afternoon.
22 11 6	1 58	18			8	△		
23 Morn.	2 44		□		14	7		
24 0 12	3 33	△	□	4	△		□	
25 1 13	4 26	4	6	*	7		20	Mercury is Occiden- tal, the fore-part of this Month, but on the 8th becomes Ori- ental, and rises before the ☉ 19 Min. on the the 21st Day; and is with the ♀ on the 5th Day at 4 in the Afternoon.
26 2 1	5 17	□	*	17	□			
27 2 38	6 7	23	20		23	△	*	
28 3 3	6 58				16	10		
29 3 22	7 47	*		*				Mercury is Occiden- tal, the fore-part of this Month, but on the 8th becomes Ori- ental, and rises before the ☉ 19 Min. on the the 21st Day; and is with the ♀ on the 5th Day at 4 in the Afternoon.
30 3 35	8 36	12	♂	13	□			

M A Y hath XXXI Days.

New Moon the 4th Day at 5 in the Afternoon.

First Quarter the 11th Day at 9 in the Morning.

Full Moon the 18th Day at 10 at Night.

Last Quarter the 27th Day at 2 in the Morning.

M	W	Saints Days & Weather.	☉	☽	☿	♈	♉	♊	♋	♌	♍	♎	♏	Mutual Aspects
1	b	St Phil. & Jac.	11	15	29	11	6	24	11	20	16			
2	c	Mild Weather.	12	13	12	56	6	24	12	21	16			
3	D	6 S. aft. Easter.	13	11	27	2	7	25	12	21	17	Iny.		
4	e	Term ends.	14	9	11	8	27	7	25	13	22	18	☉ Ec	
5	f	Wind or Rain.	15	7	26	5	7	25	14	22	19	invisib		
6	g	St John a. P. L.	16	5	10	11	52	7	25	14	22	20		
7	a	Oxt. T. ends.	17	3	25	44	7	26	15	23	21	21	☽ Pe	
8	b	Pleasant Air.	18	1	10	25	14	7	26	16	23	22		
9	c	Fine refreshing	18	59	24	40	7	26	17	23	23			
10	D	Whit-Sunday.	19	57	8	52	7	26	17	24	24	24	* ☿	
11	e	Whit-Monday.	20	55	22	47	7	26	18	24	25			
12	f	Whit-Tuesday.	21	52	6	25	7	26	19	24	26			
13	g	Showers.	22	50	19	46	7	27	20	24	28			
14	a	Misty Mornings	23	48	2	51	7	27	20	24	29			
15	b	with drizzling	24	46	15	41	7	27	21	24	8	24	☐	
16	c	Rain.	25	43	28	21	7	27	22	24	2			
17	D	Trinity Sunday	26	41	10	42	7	27	22	24	3	* ☉		
18	e	Pleasant sea-	27	39	22	52	8	28	23	24	5	☽ to		
19	f	Dunstan.	28	36	4	58	8	28	24	24	6	tally		
20	g	Ox. T. begins.	29	34	16	54	8	28	25	24	8	eclip		
21	a	Corpus Christi.	11	32	28	46	8	28	25	24	9	☽ A		
22	b	Term begins.	1	29	10	35	8	28	26	23	11			
23	c	sonable Wea-	2	27	22	26	8	28	27	23	13	* ☿		
24	D	1 S. aft. Trinity	3	24	4	20	8	29	27	23	14	Fr. F		
25	e	ther.	4	22	16	24	8	29	28	22	16	W. b		
26	f		5	19	28	38	8	29	29	22	18			
27	g	Ven. Bede.	6	17	11	10	8	29	30	22	20			
28	a	Germannus.	7	14	24	2	8	29	11	21	22			
29	b	K. Char. II	8	12	7	18	9	29	1	21	23			
30	c	Restoration.	9	9	21	1	9	29	2	20	25	* ☉		
31	D	2 S. aft. Trinity.	10	7	5	10	9	29	2	20	27			

Coley.

May 1761.

Behold the Light emitted from the Sun,
 What more familiar, and what more unknown,
 While by its spreading Radiance it reveals
 All Nature's Face, it still itself conceals.
 See how each Morn it does its Beams display,
 And on its Golden Wings bring back the Day.

M	rises	Moon	South	Lunar Aspects						Astronomical
				☉	☿	♈	♉	♊	♋	
1	3M44	9M22		6					*	♈
2	4 00	10 9		13					14	♈
3	4 13	10 57								♈
4	sets	11 48	♈	*	♈					♈
5	9N 6	0A 43	5	*	22	3				♈
6	10 33	1 40		18	☐				*	♈
7	11 5	2 42		☐	23				19	♈
8	Morn.	3 48	*	17		*			☐	♈
9	1 3	4 52	14	Δ	Δ	10			20	♈
10	1 45	5 52	☐	22	2	☐				♈
11	2 16	6 44	21			15	*	Δ		♈
12	2 37	7 39					2			♈
13	2 52	8 22	Δ		8	Δ	☐			♈
14	3 1	9 7	6	8	12	0		8		♈
15	3 12	9 47		9				Δ		♈
16	3 23	10 31							8	♈
17	3 35	11 13								♈
18	rises	11 57	8		Δ	8				♈
19	8N 55	Morn.	10	Δ	10	0				♈
20	9 58	0 42		7	☐			8		♈
21	10 9	1 30		☐	22			15		♈
22	Morn.	2 19	20					Δ		♈
23	0 3	3 14	Δ		*	Δ			1	♈
24	10 40	4 5	20	*	11	9				♈
25	1 5	4 54		5				Δ	☐	♈
26	1 26	5 43	☐					☐	12	♈
27	1 42	6 31	14					☐	*	♈
28	1 55	7 17			♈	*	21	17		♈
29	2 6	8 2	*	♈	8	13	*			♈
30	2 20	8 40	24					22		♈
31	2 33	9 38								♈

Mars is an oriental and
 a morning star all this
 month, rises on the 6th
 day 24 min. past 4 in
 the morning, is with the
 moon on the 4th day at
 3 in the afternoon.

Saturn is a morning
 star, and on the 1st day
 rises 45 min. past 3 in
 the morn. on the 21st
 day 30 min. past 2; is
 with the moon on the
 2d day at 1 morn. and
 on the 29th day at 4 in
 the afternoon.

Jupiter rises the 1st
 day at 18 min. past 3;
 and on the 21st day at 9
 min. past 2 in the morn.,
 is with the moon on the
 28th day at 8 at night.

Venus sets on the 1st
 day 31 min. past 11, or
 the 21st at a quarter past
 10 at night, is with the
 moon on the 7th day at
 7 in the morn.

Mercury rises 30 min. past
 3 in morn. the 21st day, and
 is with the moon on the 2d
 day at 6 in the afternoon.

June hath XXX Days.

New Moon the 3d Day at 1 in the Morning.
 First Quarter the 9th Day at 4 in the Afternoon.
 Full Moon the 17th Day at 2 in the Afternoon.
 Last Quarter the 25th Day at 2 in the Afternoon.

M	W	Saints	Days	☉	☿	♂	♂	♂	♂	♂	♂	♂	Mutua
D	D	and	Weather.	°	1	2	3	4	5	6	7	8	Ape
1	e	Pleasant	Weather.	11	4	19	44	9	0	3	19	29	* 1
2	f	Wind with cold		12	1	4	11	37	9	0	4	18	11 (invisi
3	g	Showers of Rain		12	59	19	43	9	0	5	18	3	Sun e
4	a	Pr. Wales born		13	56	4	51	9	0	5	17	6	6 8
5	b	Thunder with		14	54	19	52	9	0	6	17	8	* h
6	c	heavy Storms		15	51	4	51	9	0	7	16	10	6 0
7	d	S. aft. Trini.		16	48	19	2	9	1	7	15	12	visib
8	e	of Rain and		17	46	3	4	9	1	8	15	14	6 8
9	f	Hail.		18	43	16	40	9	1	9	14	16	
10	g	Prs. Amelia bo.		19	40	29	52	10	1	9	13	18	Ter e
11	a	St. Barnabas		20	37	12	46	10	1	10	13	21	* h
12	b	Very hot and		21	35	25	22	10	1	11	12	23	6 0
13	c	dry Weather		22	32	7	43	10	1	12	12	25	6 8
14	d	S. aft. Trini.		23	29	19	50	10	1	12	11	27	
15	e	Thunder with		24	26	1	55	10	2	13	11	29	* 1
16	f	violent Storms		25	24	13	49	10	2	14	10		□ 1
17	g	of Hail and		26	21	25	40	10	2	14	10	4	
18	a	Rain in some		27	18	7	29	10	2	15	9	6	1 A
19	b	Places, in others		28	15	19	17	10	2	16	9	8	
20	c	little or none		29	13	1	10	10	2	16	9	10	□ 1
21	d	S. aft. Trinit.		30	10	13	8	10	2	17	9	12	
22	e	K. Geo. II. Ina.		1	7	25	12	10	2	18	8	14	□ 1
23	f	Hot & dry Air		2	4	7	29	10	2	18	8	16	
24	g	St. John Bapt.		3	1	19	57	10	2	19	8	18	11
25	a	Cooling Gales		3	59	2	45	10	3	20	8	20	da
26	b	K. Geo. II. Proc.		4	56	15	53	11	3	21	8	22	
27	c	of Wind refresh-		5	53	29	27	11	3	21	8	23	
28	d	S. aft. Trinit.		6	50	13	28	11	3	22	8	25	
29	e	St. Peter & Paul		7	47	27	56	11	3	23	8	27	D 27
30	f	ing the Air		8	44	12	49	11	3	23	8	29	

Coley.

June 1761.

How soon th' effulgent Emanations fly
Thro' the blue Gulph of interposing Sky!
How soon their Lustre all the Region fills.
Smiles on the Vallies, and adorns the Hills?
Millions of Miles, so rapid is their Race
To cheer the Earth, they in few Moments pass.

Moon		Lunar Aspects.						Astronomical	
South		☉	☿	♈	♉	♊	♋	Observations.	
3 May	10 M 30			*	♈		♈	Saturn is oriental, and on the 1st day rises 48 min. past 1 in the morn. is with the moon on the 26th at 3 in the morn.	
11	27	♈	*	15	22	♈	16		
9 N 36	0 A 27	13	8	□			22		
10 49	1 31		□	16				On the 6th day in the morning Venus becomes oriental and a morning star, and (if the air proves clear) she may be seen to pass through the Sun, where she will appear like a black spot on that illuminating globe. The particular calculation of this curious phenomenon you have in the latter part of this Almanack.	
11 51	2 38		8	△					
Morn.	3 45	*	△	17	*	*	*		
0 18	4 41	19	8		3	18	9	Mercury becomes occidental on the 11th day of this Month, and on the 21st sets 22 min. past 9 at night.	
0 41	5 36				□	□			
0 57	6 24	□			9	21	□		
1 13	7 8	4	8	8	△		0	Jupiter is oriental and rises about midnight.	
1 22	7 49	△	19	1	18	△	△		
1 33	8 30	16				0	16		
1 44	9 13			△				Mars is also oriental, and on the 21st day rises at 47 min. past 2 in the morning.	
1 56	9 56			△					
2 9	10 40		△	22		8			
2 32	11 27	17		8	18				
3 N 58	0 17	2	□	11		8	17		
10 39	1 7		6						
11 12	1 57		*	*		△			
11 34	2 46	19	1	△	15				
11 49	3 34	△		8					
Morn.	4 21	12		□	□	△			
0 2	5 7		♈	21	2	16			
0 11	5 50	□	♈	22	*				
0 20	6 35	2	15	*	9	□			
0 35	7 22	*		9	12				
0 48	8 9	12		*		*			
1 3	9 3	*	*		♈	20			
1 28	10 1	21	7	6	16				
				17					

July hath XXXI Days.

New Moon the 2d Day at 8 in the Morning.
 First Quarter the 9th Day at 2 in the Morning.
 Full Moon the 17th Day at 5 in the Morning.
 Last Quarter the 24th Day at Midnight.
 New Moon the 31st Day at 3 in the Afternoon.

M	W	Saints Days	☉	☿	♈	♉	♊	♋	♌	♍	♎	♏	Muta	
D	D	and Weather	°	°	°	°	°	°	°	°	°	°	Aspe	
1	g	Wind & dry Air	9	42	28	1	11	3	24	8	0	Δ	Y	
2	a	Visit. B. V. M.	10	39	13	19	11	3	25	8	2	Δ	Per	
3	b	Cloudy & some	11	36	28	34	11	3	25	8	3	□	O	
4	c	Showers of Rain	12	33	13	Ω	36	11	3	26	8	5		
5	D	7 S. aft. Trini.	13	30	28	16	11	3	27	9	7	old	M	
6	e	Hot and dry	14	28	12	Ω	28	11	3	27	9	8	Da	
7	f	Dies Comition	15	25	26	11	11	3	28	9	10	* 9		
8	g	fair & pleasant	16	22	9	Ω	26	11	3	29	10	11	Beck	
9	a	Weather for	17	19	22	15	11	3	29	10	12	Δ	h	
10	b	Cam. Term end	18	16	4	Ω	40	11	3	30	10	14		
11	c	making Hay,	19	14	16	59	11	4	1	11	15			
12	D	8 S. aft. Trini.	20	11	29	1	11	4	1	11	16	□	Y	
13	e	Oxf. Act begins	21	8	10	↑	55	11	4	2	12	17	* 5	
14	f	Heavy Clouds	22	5	22	45	11	4	3	12	19			
15	g	St. Swithin	23	2	4	W	34	11	4	3	13	20		
16	a	Thunder and	24	00	16	24	11	4	4	13	21	Δ	A	
17	b	coasting Storms	24	57	28	17	11	4	5	14	22			
18	c	Oxf. Term ends	25	54	10	Ω	18	11	4	5	14	23		
19	D	9 S. aft. Trinity	26	51	22	18	11	4	6	15	24			
20	e	Margaret	27	49	4	Ω	29	11	4	7	16	25		
21	f	of Rain	28	46	16	51	11	4	7	16	25			
22	g	Pis. C. Matil. b.	29	43	29	23	11	4	8	17	26	M.	M	
23	a	now expect fine	Ω	41	12	Y	14	11	9	18	27			
24	b	pleasant Weath.	1	38	25	14	11	4	9	18	28			
25	c	St. James	2	36	8	8	39	11	4	10	19	28	Δ	O
26	D	10 S. aft. Trini.	3	33	22	28	11	4	11	20	29	St.	A	
27	e	Intemperate Air	4	30	6	Ω	43	11	4	11	21	29	□	Y
28	f	Thunder and	5	27	21	21	11	4	12	21	29			
29	g	Lightning but	6	25	6	Ω	20	11	4	13	22	Ω		
30	a	Dog-days beg.	7	22	21	32	11	4	13	23	0	Δ	h	
31	b	not much Rain	8	20	6	Ω	47	11	4	14	24	0		

Coley.

July 1760.

Amazing Progress! At its utmost Stretch,
 What human Mind can this swift Motion reach?
 But if, to save so quick a Flight, you say,
 The ever-rolling Orbs impulsive Ray
 On the next Threads and Filaments does bear,
 Which form the springing Texture of the Air;

M	D	rises & sets	Moon South	Lunar Aspects.						Astronomical Observations.
				☉	☿	♈	♉	♊	♋	
1	2M	6	11M	4	♈	☐	☐			
2	2	59	0	A12	20	21	7			Mercury is an evening
3	sets.	1	20		Δ	Δ		*	♈	star all this month, on
4	10N	48	2	23	21	6	*	13	8	he 1st day sets at 35
5	11	2	3	21			19	☐		min. past 9 at night, is
6	11	13	4	12	*		18			with the moon on the
7	11	22	4	59	4	8	☐			3d day at 8 at night.
8	11	32	5	42	☐	8	11	3	Δ	Venus is oriental and
9	11	44	6	25	14	4	Δ	☉	3	a morning star, and on
10	1	57	7	5			14	☐		the 1st day rises at 2;
11	Morn.	7	5	1	Δ			18		and on the last at 1 in
12	0	10	8	35	4	Δ				the morn; is with the
13	0	30	9	22		Δ	8	8	Δ	moon on the 28.h day
14	0	58	10			☐	8	2	14	at noon.
15	1	35	10	58	☐	21	20			Mars is a morning
16	2	16	11	49	8	14				star, and rises about
17	rises.	Morn.	17		*					half an hour past 2 o'
18	9N	31	0	41	*	10		Δ		clock in the morning,
19	9	49	1	29		2		8	8	all this month; is with
20	10	3	2	15			Δ	☐	3	the moon on the 29th
21	10	14	3	1				4	23	day at 10 at night.
22	10	22	3	47	Δ	♈	♈	☐		Jupiter shines most
23	10	34	4	31	1	23	5	17	*	of the night all this
24	10	48	5	15	☐			10	Δ	month, and rises about
25	11	4	6	00	12		*			half an hour past 10 at
26	11	21	6	49	*		*	4	☐	night.
27	11	49	7	45	19	*	18		11	Saturn is orienta
28	Morn.	8	45		9	☐		6	*	and rises about a quar
29	0	41	9	47	☐	19	♈	0	13	ter of an hour after Ju
30	0	40	10	56	9	Δ	10			piter all this month.
31	sets.	0A	1	5	Δ	18				

August hath XXXI Days.

First Quarter the 7th Day at 3 in the Afternoon.

Full Moon the 15th Day at 7 in the Afternoon.

Last Quarter the 23d Day at 8 in the Morning.

New Moon the 29th Day at 11 at Night.

M	W	Saints Days and Weather	☉	♈	♉	♊	♋	♌	♍	♎	♏	Mutua Aspect	
D	D		°	1	2	3	4	5	6	7	8		
1	c	Lammas Day	9	17	21	46	11	4	15	24	0		
2	D	11 S. aft. Trin.	10	15	6	39	11	4	15	25	R		
3	e	Good Harvest	11	12	21	1	11	4	16	26	0	Δ 0 6	
4	f	Weather the 1st	12	10	4	49	11	3	17	27	0		
5	g	Part of this Mo.	13	7	18	10	11	3	17	28	Ω		
6	a	Transfiguration	14	5	1	m	3	11	3	18	29	29	
7	b	Temperate	15	2	13	33	11	3	19	30	29		
8	c	Weather	16	0	25	46	11	3	19	1	28		
9	D	12 S. aft. Trin.	16	57	7	46	11	3	20	1	28		
10	e	St. Lawrence	17	55	19	38	11	3	21	2	27	□ 4 9	
11	f	Pis. Augusta bo.	18	53	1	w	29	11	3	21	3	26	
12	g	Old Lam. Day	19	50	13	18	11	3	22	4	26	D Apo	
13	a	pregnant clouds	20	48	25	11	11	3	22	5	25		
14	b	with some cold	21	46	7	m	10	11	3	23	6	24	
15	c	Assumption	22	43	19	16	11	3	24	7	23	6 0 5	
16	D	13 S. aft. Trin.	23	41	1	x	3	11	3	24	8	22	
17	e	showers of Rain	24	39	13	55	11	3	25	9	21		
18	f	Wind & flying	25	37	26	29	11	3	26	10	21		
19	g	Clouds, but not	26	34	9	v	13	11	2	26	11	20	□ h 9
20	a	without some	27	32	22	9	11	2	27	12	19		
21	b	sudden Showers	28	30	5	8	19	11	2	28	13	19	
22	c	of Rain	29	28	18	44	11	2	28	14	18		
23	D	14 S. aft. Trin.	29	26	2	II	25	10	2	29	15	18	
24	e	St. Bartholom.	1	24	16	27	10	2	29	16	18		
25	f	Fine serene Air	2	22	0	47	10	2	Ω	17	18	Δ 4 6	
26	g	Hot and dry	3	20	15	25	10	2	1	18	D	Pe	
27	a	Weather to the	4	18	0	Ω	16	10	2	1	19	18	
28	b	St. Auguf. Bp.	5	16	15	11	10	2	2	20	18		
29	c	Decol. Joh. Bap.	6	14	0	m	2	10	1	3	21	19	
30	D	15 S. aft. Trin.	7	12	14	40	10	1	3	22	19		
31	e	Month's End	8	10	28	57	10	1	4	23	20		

Coley. August 1761.

That those still strike the next, till to the Sight
 The quick Vibration propagates the Light
 'Tis still as hard, if we this Scheme believe,
 The Cause of Light's swift Progress to conceive.
 With Thought from Prepossession free, reflect
 On fair Rays, as they the Sight respect.

M	D	rises & sets	Moon South	Lunar Aspects						Astronomical Observations
				☉	☿	♈	♊	♋	♌	
1	9	N 5	1 A 2	3	8			*	♈	Saturn and Jupiter are both visible all night this month; on the 21st day Jupiter rises at 22 min. and Saturn at 40 min. past 9 2 night; Jupiter is with the moon the 18th at 11 at night, and Saturn on the 19th at 4 in the afternoon.
2	9	17	1 57					*	5 14	
3	9	28	2 48			8	15	☐	9	
4	9	38	3 35	*	8	21	☐		9	
5	9	50	4 18	14	12		22	Δ	*	
6	10	4	5 2					19	22	
7	10	18	5 45	☐			Δ			
8	10	31	6 28	3		Δ	10		☐	
9	10	55	7 14	Δ	Δ	14			6	
10	11	27	8 2	18	8			Δ		
		Morn.	8 52	☐	☐			8	16	Mars is a morning star, and rises about 2 all this month, and is with the moon on the 27th day at 2 in the afternoon.
12	0	6	9 46		21	2	8	4		
13	1	2	10 42			*	18			
14	2	12	11 28			*	15			
		rises.	Morn.	8	9				8	
16	8	N 13	0 15					Δ	8	
17	8	24	1 2				Δ	13		
18	8	33	1 46			♈	22			
19	8	45	2 31		♈	11	☐	Δ		
20	8	57	3 17	Δ	4		☐	3	20	
21	9	11	3 59	10			9	*		Venus is oriental and a bright morning star, she rises about 1 in the morn. all this month, and is with the moon on the 26th day at 4 in the afternoon.
22	9	29	4 46	☐		*	*	14	☐	
23	9	56	5 40	20	*	22	17		0	
24	10	30	6 37		15				*	
25	11	24	7 38	*	☐	☐			2	
26		Morn.	8 42	3	17	1	♈			
27	0	45	9 49		Δ	Δ	♈	4		
28	2	8	10 48		17	2	2		♈	
		sets.	11 47	♈					21	
30	7	N 40	0 A 39	11				*		
31	7	51	1 29		8	8	*	13		2 in the morning.

September hath XXX Days.

First Quarter the 6th Day at 8 in the Morning.
 Full Moon the 14th Day at 9 in the Morning.
 Last Quarter the 21st Day at 3 in the Afternoon.
 New Moon the 28th Day at 9 in the Morning.

M	W	Saints Days	☉	☽	☿	♂	♀	♂	♀	Mutual
D	D	and Weather	°	'	h	m	s	h	m	Aspects
1	f	Giles Abbot	9	8	12	48	10	1	5	24 21
2	g	London b. O. S.	10	7	26	12	10	1	5	25 22
3	a	Temperate Air	11	5	9	m	9	1	6	26 23
4	b	& very pleasant	12	3	21	41	10	1	7	27 24
5	c	Harvest Weath.	13	1	3	7	58	10	1	7 28 26
6	d	6 S. aft. Trin.	14	0	16	0	10	1	8	29 27
7	e	Dog Days end	14	58	27	53	10	0	8	30 29
8	f	Nat. Vir. Mary	15	57	9	w	45	10	0	9 2 11 Δ h
9	g	Wind very in-	16	55	21	37	10	0	10	3 2 12 Δ p
10	a	temperate dry-	17	53	3	m	34	10	3	4 3
11	b	ing Weather 'till	18	52	15	39	10	29	11	5 5
12	c	the full Moon	19	50	27	55	9	29	12	6 7
13	d	7 S. aft. Trin.	20	49	10	3	23	9	29	12 7 9
14	e	Holy Rood Day	21	47	23	3	9	29	13	8 11
15	f	after which ex-	22	46	5	v	55	9	29	13 9 12 Δ h
16	g	Ember Week	23	45	19	1	9	29	14	11 14
17	a	pest cloudy Air	24	43	2	8	16	9	29	15 12 16
18	b	with plentiful	25	42	15	42	9	29	15	13 18
19	c	showers of Rain	26	41	9	19	7	29	16	14 20
20	d	8 S. aft. Trin.	27	40	13	11	7	9	29	17 15 22 8 0
21	e	St. Matthew	28	38	27	5	9	29	17	16 24
22	f	Wind & stormy	29	37	11	3	14	9	28	18 17 26 8 4
23	g	unsettled Wea-	30	36	25	32	8	28	18	18 27 1 Pe
24	a	ther with plenty	1	35	9	48	8	28	19	20 29 6 8
25	b	of Rain	2	34	24	24	8	28	20	21 22
26	c	Cyprian	3	33	8	w	48	8	28	20 22 3
27	d	9 S. aft. Trin.	4	32	23	2	8	28	21	23 5 6 0
28	e	Dripping Weather	5	31	6	59	8	28	22	24 6
29	f	St. Michael	6	30	10	40	8	28	22	25 8 8 h
30	g	St. Jerome P. C.	7	28	3	m	57	8	27	23 26 10

Coley.

September 1760.

Remark the Air's transparent Element,
 Its curious Structure, and its vast Extent:
 Its wond'rous Web proclaims the Loom divine,
 Its Threads the Hand that drew them out so fine.
 This thin Contexture makes its Bosom fit
 Celestial Heat and Lustre to transmit;

M	D	rises & sets	Moon South	Lunar Aspects						Astronomical Observations.
				☉	☿	♂	♀	♂	♀	
1	8N	2	2A 16	20	3	9	□	*		Saturn is an evening star all this month, and shines all night, rises on the 20th day at half an hour after the sun sets; and on the 15th day at 7 at night is with the moon.
2	8	13	3 00			□	21	14		
3	8	26	3 44	*		16				
4	8	41	4 30	4	Δ		Δ	□		
5	9	3	5 16	□	Δ	16	Δ	11	5	
6	9	32	6 3	20	12		6			
7	10	18	6 54			□			Δ	
8	11	3	7 44	Δ	□	4			2	
9	Morn.	8	8 39	12	1	*				
10	0	4	9 29		*	16	8	8		Jupiter illuminates the night with his splendid rays, on the 20th day becomes oc- cidental and sets when the sun rises, and on the 14th day at 11 at night is with the moon.
11	1	17	10 14		12		16	1		
12	2	33	11 4						8	
13	3	49	11 50	8						
14	rises.	Morn.	22		6					
15	7N	2	0 36		6	11	Δ	Δ		
16	7	13	1 20		7		14	7		
17	7	27	2 4			□	□			
18	7	42	2 51	Δ		*	23	16	Δ	
19	8	5	3 45	18	*	22			4	Mars and Venus are oriental and rise nearly together on the 21st day at 2 in the morn- ing, and are with the moon on the 25th day at 3 and 4 in the morn.
20	8	37	4 39		17	*	*	□		
21	9	31	5 38	□	□	□	6	3	15	
22	10	29	6 35	3	21	2				
23	11	53	7 44	*		Δ			*	
24	Morn.	8	8 44	8	Δ	4	6	6	3	
25	1	20	9 40		0		15	16		
26	2	52	10 31							
27	3	18	11 26	6		8			6	
28	Des.	0	14 21	8	7				23	
29	6N	30	0 59		3	*	*			Mercury is a morn- ing star, and on the 21st day rises at 17 min. past 5; is with the moon at 11 o'clock on the 28th day.
30	6	42	1 43				3	8		

October hath XXXI Days.

First Quarter the 6th Day at 3 in the Morning.

Full Moon the 13th Day at 11 at Night.

Last Quarter the 20th Day at 9 at Night.

New Moon the 27th Day at 11 at Night.

M	W	Saints Days	☉	☽	☿	♈	♉	♊	♋	♌	♍	♎	♏	Muta
D	D	and Weather	°	′	″	°	′	″	°	′	″	°	′	Asped
1	a	Remigius	8	28	16	53	8	27	23	28	12	8	0	
2	b	Cold cloudy	9	27	29	29	8	27	24	29	13			
3	c	rainy Weather	10	27	11	47	8	27	25	14	15			
4	D	20 S. aft. Trini.	11	26	23	51	8	27	25	1	17			
5	e	Dark foggy Air	12	25	5	47	8	27	26	2	18			
6	f	Faith V. & M.	13	24	17	38	7	26	26	3	20	2	Ap	
7	g	Intemperate un-	14	24	29	33	7	26	27	5	22			
8	a	healthful Air	15	23	11	31	7	26	28	6	23			
9	b	St. Dennis, Ar.	16	23	23	39	7	26	28	7	25			
10	c	Ox. & Ca. T. be.	17	22	8	2	7	26	29	8	27	O. Mi		
11	D	21 S. aft. Trini.	18	22	18	38	7	26	29	9	28	(Da		
12	e	Strong Gales of	19	21	1	33	7	26	11	11	28	* 8		
13	f	Trans. K. Edw.	20	21	14	43	7	26	1	12	1			
14	g	sharp Wind	21	20	28	10	7	26	1	13	3			
15	a	clearing the Air	22	20	11	52	7	26	2	14	5			
16	b	More pleasant	23	19	25	46	7	26	2	15	6			
17	c	healthy Weath	24	19	9	48	7	25	3	16	8			
18	D	22 S. aft. Trin.	25	19	23	55	7	25	4	18	9	S. Lu		
19	e	Cold, sharp, Air	26	19	8	6	6	25	4	19	11			
20	f	with frosty	27	18	22	15	6	25	5	20	12	Per		
21	g	Mornings	28	18	6	29	6	25	5	21	14			
22	a	K. Geo. II. Cor.	29	18	20	31	6	25	6	22	15			
23	b	Moderate Rain	m	18	4	33	6	25	7	24	17	8 4		
24	c	Temperate Air	1	18	18	27	6	25	7	25	18			
25	D	23 S. aft. Trin.	2	18	2	11	6	25	8	26	19	Crisp		
26	e	Good season-	3	18	15	43	6	25	8	27	21			
27	f	able Weather	4	18	29	1	6	25	9	29	22	Ed		
28	g	SS. Simon & Jude	5	18	12	m	2	6	24	10	24	(inv		
29	a	Serene, sharp,	6	18	24	46	6	24	10	1	25	Δ 4		
30	b	frosty Air	7	18	7	18	6	24	11	2	27			
31	c	Wind & Rain	8	18	19	33	6	24	11	3	28			

Coley.

October 1761.

By which of foreign Orbs the Rites flow,
 On this dependant, needy Ball below.
 Observe its Parts link'd in such artful Sort,
 All are at once supported, and support.
 The Column pois'd, sits hov'ring on our Heads,
 And a soft Burthen on our Shoulders spreads.

rises & sets	Moon South	Lunar Aspects						Astronomical Observations.
		☉	☿	♈	♊	♋	♌	
6N 36	2A 29			Δ	□	□		Saturn is in opposition to the sun on the first day, and becomes occidental and an evening star, and sets a little before the sun rises all this month; is with the moon on the 12th day at midnight.
7 14 3	14	*	Δ	19	13	22		
7 37 4	3 20	18					*	
8 7 4	53		□	Δ	Δ		7	
8 57 5	45	□	□	5	3	15		
9 55 6	36	15	*				□	Jupiter is an evening star, and shines most of the night; on the 21st day sets at 50 minutes past 3 in the morning, is with the moon the 12th day at 2 in morn.
11 8 7	28	*	18				5	
Morn. 8	18	Δ	17				Δ	
0 10 9	5	8					8	
1 40 9	53						9 8	
3 1 10	38		6				0	Mars and Venus are both morning stars, on the 21st day Mars rises 44 min past 1, and Venus 15 min. past 3 in the morning; Mars is with the moon the 23d day at 4 in the afternoon, and Venus on the 24th at 11 at night.
4 20 11	22		6	14				
5N 41	0	6	11		Δ		8	
5 56 0	55		*	6	Δ		9	
6 17 1	46	*	22	□	4			
6 43 2	41		3	12	□			Mercury is occidental this month, on the 21st day sets 30 min. past 5 in the afternoon.
7 26 3	39	Δ	□	□	*	12		
8 22 4	40	222	2	17	*	Δ		
9 36 5	43	□		Δ		18		
11 11 6	43	9	Δ	4			□	
Morn. 7	43	*	1				12	Mercury is occidental this month, on the 21st day sets 30 min. past 5 in the afternoon.
0 40 8	35	15				6		
2 8 9	26			8	4	6	*	
3 30 10	14		8	10		11	0	
5 1 10	48		8					
sets 11	42	6			*			Mercury is occidental this month, on the 21st day sets 30 min. past 5 in the afternoon.
5N 5	0A 28	11		Δ	19			
8 23 1	13		Δ	22		*	6	
5 45 1	59	22		□	12		1	
6 12 2	50		□	7				

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Coley. November 1760.

So the Side-Arches all the Weight sustain,
We find no Pressure, and we feel no Pain.
Still are the subtle Strings in Tension found,
Like those of Lutes to just Proportion wound;
Which of the Air's Vibration is the Source,
When it receives the Strokes of Foreign Force.

Moon		Lunar Aspects.		Astronomical Observations.	
Rises & Sets.	South.	☉	☿	♂	♀
1 6 N 52	3 A 41	*	☐	Δ	☐
2 7 51	4 33	16	9 *	21	6
3 8 52	5 17	*	20		*
4 10 4	6 12	☐	21		Δ 14
5 11 18	7 1	11			2
6 Morn.	7 48				☐
7 0 38	8 31	Δ	♂	8	9
8 1 59	9 18	3	♂	18	3
9 3 16	10 2	18		8	Δ
10 4 38	10 50			9	☐
11 6 6	11 37	8		Δ	
12) rises	Morn.	24	*	19	8
13 4 N 44	0 31	*	5		8
14 5 22	1 29	1	☐	☐	Δ 16
15 6 16	2 29	☐	6	☐	☐
16 7 33	3 37	Δ	2	Δ *	☐
17 8 55	4 41	10	Δ	8	3 7
18 10 27	5 39	☐	3	*	Δ
19 11 56	6 34	17			14
20 Morn.	7 25		8	♂	☐
21 1 18	8 10	*	8	15	14
22 2 40	8 55				*
23 3 58	9 39			♂	13
24 5 18	10 22				12
25 6 32	11 5		Δ	*	
26) sets	11 52	♂	Δ	5	10
27 4 N 8	0 A 40	3	4	☐	☐
28 4 45	1 30	☐	18	23	*
29 5 34	2 22	14			20
30 6 31	3 12		*	Δ	
			4	15	

On the 1st day of this month Saturn sets at 4 in the morning, and on the 21st, at 34 m. past 2, and is with the moon on the 9th day at 6 in the morn.

Jupiter sets on the 1st day 3 m. past 3 morn. on the 21st at 40' past 1, and is with the moon on the 8th day at 6 morn.

Mars is an oriental & morn. star, and rises about half an hour past 1 all this month; is with the moon on the 21st day at 2 morn.

Venus is a bright morning star all this month, on the 1st day she rises 47m. past 3; and on the 21st at 45m past 4 morn. is with the moon on the 23d day at midnight.

Mercury sets a little after 5 all this month, & with the moon the 27th day at 4 aftern.

December hath XXXI Days.

First Quarter the 4th Day at 7 at Night.
 Full Moon the 11th Day at 11 at Night.
 Last Quarter the 18th Day at 2 in the Afternoon.
 New Moon the 26th Day at 9 in the Morning.

M	W	Saints Days	☉	☿	♈	♉	♊	♋	♌	♍	♎	♏	Mut	
D	D	& Weather.	☾	♊	♋	♌	♍	♎	♏	♐	♑	♒	Aipe	
1	f	Cold frothy	9	36	3	28	4	24	29	11	13			
2	g	Weather, with	10	37	15	21	4	24	29	13	12	♄	♅	
3	a	Snow or Rain	11	38	27	19	4	24	♈	14	10			
4	b	Barbara	12	39	9	♋	23	4	24	0	15	9		
5	c	Serene sharp air	13	40	21	41	4	24	1	16	8			
6	D	2 S. in Advent	14	41	4	V	16	4	24	1	18	6		
7	e	Frosty, fair	15	42	17	10	4	24	2	19	5	Δ	♈	
8	f	Concep. V.M.	16	43	0	♈	36	4	24	3	20	4		
9	g	and pleasant	17	44	14	23	D	25	3	21	4	*♄		
10	a	weather for the	18	45	28	38	4	25	4	23	3			
11	b	Season till the	19	46	13	II	17	4	25	4	24	3	Δ	♈
12	c	full Moon.	20	47	28	15	4	25	5	25	3	8	♈	
13	D	3 S. in Advent	21	48	13	♈	18	4	25	5	26	D	)	Per
14	e	harsh wind cold	22	49	28	18	4	25	6	28	3			
15	f	stormy rugged	23	51	13	♈	9	4	25	6	29	3	□	♅
16	g	Em. W. C. T. e.	24	52	27	42	4	25	7	1	4	Δ	♈	
17	a	Ox. Term ends	25	53	11	♈	51	4	25	7	1	5	Δ	♈
18	b	weather as frost	26	54	25	37	4	25	8	3	5			
19	c	Snow or Sleet	27	55	9	♈	1	4	25	8	4	6		
20	D	4 S. in Advent	28	56	22	6	5	26	9	5	7			
21	e	St. Thomas	29	57	5	M	00	5	26	9	6	8		
22	f	Cold Weather	vs	59	17	32	5	26	10	8	9			
23	g	with much	2	00	29	58	5	26	10	9	10			
24	a	inow or rain	3	1	12	1	9	5	26	11	10	11	*♄	
25	b	Christmas Day	4	2	24	13	5	26	11	11	12			
26	c	St. Stephen	5	4	6	V	16	5	26	12	13	14	□	♅
27	D	1 S. aft. Christ.	S. John	18	11	5	26	12	12	14	15	D	)	Apo
28	e	H. Innocents	7	6	0	♈	5	5	27	13	15	16		
29	f	Cold flabby	8	7	11	59	5	27	13	16	18			
30	g	weather con-	9	8	23	51	5	27	13	18	19			
31	a	cludes the mo.	10	9	5	♋	47	5	27	14	19	20		

Coley.

December 1761.

Let curious Minds, who would the Air inspect,
 On its elastic Energy reflect;
 The secret Force, thro' all the Frame diffus'd
 By which its Strings are from Compression loos'd,
 The spongy Parts, now to a straighter Seat
 Are forc'd by Cold, and widen'd now by Heat.

M	D	rises & sets.	Moon South.	Lunar Aspects						Astronomical Observations.
				☉	☿	♂	♂	♀	♀	
1	7	N 51	4 A	1 *	*			☐	*	On the 2d day of this month Mercury becomes oriental and a morning star, and on the 21st day rises 2 hours before the sun, and may (if the air prove clear) be seen with the naked eye, he being then near his greatest elongation; is with the moon at 8 in the morning on the 23d day. Venus is oriental, and on the 19th day rises at 6 in the morn- ing (near the planet Mercury) and is with the moon on the 24th day at 2 in the morn. On the first of this month Jupiter sets at 1. Saturn rear 2, and Mars rises at 1 in the morning. Jupiter is with the moon the 5th day at 4 aftern. Saturn the 6th at 1 aftern. Mars the 19th at 10 morn.
2	8	58	4	49	12	3		16	17	
3	10	10	5	34				☐	1	
4	11	27	6	19	☐			Δ	1	
5	Morn.		7	3	7	♂	♂	11		
6	0	40	7	44	Δ	♂	4	18	Δ	
7	2	00	8	28	18	1			4	
8	3	20	9	15						
9	4	44	10	7		*		8		
10	6	16	11	1	*	16	Δ	12	8	
11	D rises.		Morn.	8	11	☐	8		9	On the first of this month Jupiter sets at 1. Saturn rear 2, and Mars rises at 1 in the morning. Jupiter is with the moon the 5th day at 4 aftern. Saturn the 6th at 1 aftern. Mars the 19th at 10 morn.
12	3	N 51	0	3	11	☐	18	☐		
13	5	3	1	7		7	Δ	10	Δ	
14	6	26	2	15		Δ	18	*	23	
15	7	59	3	21	Δ	12		13	8	
16	9	24	4	22	18			☐	☐	
17	10	55	5	12		8		4	11	
18	Morn.		5	59	☐	8	22	♂	*	
19	0	17	6	43	2	18		22	13	
20	1	36	7	28	*				19	
21	2	58	8	11	10					On the first of this month Jupiter sets at 1. Saturn rear 2, and Mars rises at 1 in the morning. Jupiter is with the moon the 5th day at 4 aftern. Saturn the 6th at 1 aftern. Mars the 19th at 10 morn.
22	4	5	8	52		Δ				
23	5	26	9	37		Δ	15	*	♂	
24	6	42	10	22		10		21	14	
25	7	51	11	12	♂	☐	☐		20	
26	D sets		0 A	1		22	3	☐		
27	4	N 12	0	52		*	10			
28	5	23	1	43		*	16			
29	6	32	2	33		11		Δ	*	
30	7	45	3	18				2	9	
31	9	00	4	2	*					

A TABLE of the Rising, Southing and Setting of the Planets or Seven Stars, for every 5th Day, of great use to find the Hour of the Night

Mon	Days	Rise		South		Set		Mon	Days	Rise		South		Set
		h.	m.	h.	m.	h.	m.			h.	m.	h.	m.	
January.	1	0A	28	8M	45	5M	24	July.	2	12M	30	8M	47	5A
	6	0	6	8	23	4	40		7	12	10	8	27	4
	12	11M	39	7	56	4	13		12	11	49	8	6	4
	17	11	17	7	34	3	51		17	11	29	7	46	4
	22	10	56	7	13	3	30		22	11	9	7	26	3
	27	10	35	6	52	3	9		27	10	49	7	6	3
February.	1	10	15	6	32	2	49	August.	1	10	30	6	47	3
	6	9	55	6	12	2	28		6	10	10	6	27	2
	12	9	31	5	48	2	5		12	9	48	6	5	2
	17	9	12	5	29	1	46		17	9	29	5	46	2
	22	8	52	5	9	1	26		22	9	10	5	27	1
	27	8	34	4	51	1	8		27	8	52	5	9	1
March.	4	8	15	4	32	12A	50	September.	1	8	34	4	51	1
	9	7	56	4	13	12	30		6	8	16	4	32	0
	12	7	45	4	2	12	19		12	7	54	4	11	0
	17	7	27	3	44	12	1		17	7	36	3	53	0
	22	7	7	3	23	11	41		22	7	18	3	35	11M
	27	6	49	3	6	11	23		27	6	51	3	16	11
April.	1	6	36	2	48	11	5	October.	2	6	40	2	57	11
	6	6	13	2	30	10	47		7	6	22	2	39	10
	12	5	56	2	8	10	25		12	6	4	2	21	10
	17	5	33	1	50	10	7		17	5	45	2	2	10
	22	5	14	1	31	9	48		22	5	26	1	43	10
	27	4	55	1	12	9	29		27	5	7	1	24	9
May.	2	4	37	0	54	9	11	November.	2	4	48	1	5	9
	7	4	17	0	34	8	51		7	4	28	0	43	9
	12	3	58	0	15	8	32		12	4	4	0	21	8
	17	3	38	11M	55	8	12		17	3	43	0A	0	8
	22	3	18	11	35	7	55		22	3	23	11	40	7
	27	2	58	11	15	7	32		27	3	1	11	18	7
June.	1	2	38	10	55	7	12	December.	2	2	40	10	57	7
	6	2	18	10	35	6	50		7	2	18	10	35	6
	12	1	54	10	11	6	28		12	1	56	10	13	6
	17	1	32	9	49	6	6		17	1	34	9	51	6
	22	1	12	9	29	5	46		22	1	12	9	29	5
	27	12A	51	9	8	5	25		27	0M	50	9	7	5

TABLE of some principal fix'd Stars, with the Time they rise, south, and set, either before or after the seven Stars; as also their Colour, Magnitude, and meridian Altitude, by which they may be readily discover'd.

Co- our.	Mag.	Alt.	Names of the Stars	Rise.		South.		Sets.	
				H.	M.	H.	M.	H.	M.
♂	1	53	<i>Aldebaran, or Bull's Eye</i>	1	a 34	0	a 48	0	b 0
♂	1	29	<i>Left Foot of Orion</i>	4	31	1	31	1	34
♂	2	36	<i>Middle * in Orion's Belt</i>	4	13	1	51	0	35
♂	1	45	<i>Right Shoulder of Orion</i>	3	23	2	8	0	8
♂	1	21	<i>Sirius, the great Dog</i>	6	51	3	1	0	48
♂	2	43	<i>Procyon, the little Dog</i>	5	33	3	53	2	a 7
♂	1	30	<i>Heart of Hydra</i>	8	39	5	41	2	44
♂	1	51	<i>Regulus, Lion's Heart</i>	7	26	6	21	5	16
♂	1	54	<i>Deneb, the Lion's Tail</i>	8	42	7	54	7	7
♂	1	28	<i>Virgin's Spike</i>	12	46	9	38	6	36
♂	1	58	<i>Arcturus</i>	10	47	10	30	10	12
♂	1	12	<i>Antares, Scorpion's Heart</i>	17	36	12	39	7	42
♂	2	46	<i>Bright Star of the Vulture</i>	17	38	16	3	9	b 27
♂	1	6	<i>Fomabant</i>	1	14	19	11	10	37
♂	2	65	<i>Head of Andromeda</i>	19	43	20	19	2	56

THE brightest of the seven Stars is of the third Magnitude, and hath 61 Degrees of meridian Altitude, and in Colour participates of the *Moon* and *Mercury*.

2. The fix'd Stars all rise, south, and set about four minutes sooner every Night, than they did the Night before. This consider'd, the exact Time of their rising, southing, and setting, for any intermediate Night, not herein need, may be very easily deduced from this Table, by Inspection only.

To know the Time of the rising, southing, and setting any Star in this Table, for any Day requir'd, it is but considering how many Hours and Minutes that Star rises, sets, or sets, either before or after the seven Stars, on that Day, and you shall have your Desire; observing, that this Table *a* stands for *after*, and *b* for *before*.

A C H R O N O L O G Y, 1761.

An. Dom.

Yrs. fin.

- 1066 **W**illiam Duke of Normandy conquer'd England
- 1330 The Canaries discovered by an English Ship
- 1517 Martin Luther first disputed against Popery
- 1588 The Spanish Armada destroyed by the English.
- 1605 Gunpowder Treason, November 5.
- 1613 The New-River Water brought to London
- 1625 K. James I. died, K. Charles I. began March 27.
- 1625 35,417 Persons died of the Plague in London
- 1641 The bloody Irish Massacre began Oct. 23
- 1649 K. Charles I. barbarously murdered, Jan. 30.
- 1660 K. Charles II. restored, May 29.
- 1665 68,586 Persons died of the Plague in London
- 1666 The dreadful Fire in London burnt 13,200 Houses
- 1674 A great Snow for eleven Days together
- 1680 A great and splendid Comet appeared
- 1684 A prodigious Frost for 13 Weeks
- 1685 K. Charles II. died, K. James II. began Feb. 6.
- 1688 K. James II. abdicated, December 12.
- 1689 K. William and Q. Mary crown'd, April 11.
- 1698 Whitehall Palace destroyed by Fire, Jan. 4.
- 1702 K. William died, Q. Anne began March 8.
- 1703 A great and terrible Wind, Nov. 26 and 27.
- 1704 Gibraltar taken from the Spaniards
- 1707 England and Scotland united, May 1.
- 1714 Q. Anne died, K. George I. began Aug. 1.
- 1715 A Rebellion in Scotland, &c. suppressed
- 1719 A fiery Meteor seen March 12, at Eight at Night
- 1727 K. George I. died, K. George II. began June 11.
- 1727 K. George II. crown'd Oct. 11.
-  1733 Broad Pieces of Gold called in
- 1739 War declared against Spain, Oct. 23.
- 1739 Porto-bello destroyed by Admiral Vernon, Nov. 22.
- 1740 A severe Frost began Dec. 25, held till Feb. 27.
- 1742 A Comet appeared from Feb. 18, to March 14.
- 1743 A splendid Comet seen from Dec. 23, to Feb. 18.
- 1744 England declared War against France, March 31.
- 1745 Cape-Breton taken from the French, June 16.
- 1746 The Highland Rebels defeated, April 16.
- 1748 A General Peace signed, Oct. 7.
- 1751 The Prince of Wales died
- 1752 The Date and Calendar altered
- 1756 War declared against France

TABLE of HOUSES for the Latitude of 51 Degrees,
Minutes, according to the Doctrine of *Ptolemy*, serving
the City of *London*, &c.

☉ in ♊

☉ in ♋

☉ in ♊						☉ in ♋										
10	11	12	Ascen.	2	3	Time	10	11	12	Ascen.	2	3				
gr.	gr.	gr.	gr. m.	gr.	gr.	from Noon	gr.	gr.	gr.	gr. m.	gr.	gr.				
0	0	9	22	26	42	12	3	1	52	1	9	17	16	31	4	28
4	1	10	23	27	43	13	3	1	55	1	10	18	17	11	5	29
7	2	11	24	28	2	14	4	1	59	2	11	19	17	51	6	30
11	3	12	25	28	48	15	5	2	3	3	12	19	18	31	7	1
15	4	13	25	29	21	15	6	2	7	4	13	20	19	12	8	2
18	5	14	26	0	0	1	16	7	12	5	14	21	19	52	9	3
22	6	15	27	0	40	17	8	2	15	6	15	22	20	32	9	4
26	7	16	28	1	20	18	8	2	19	7	16	22	21	13	10	5
29	8	17	29	2	0	18	9	2	22	8	17	23	21	54	11	6
33	9	18	30	2	39	19	10	2	26	9	18	24	22	35	11	7
37	10	19	1	3	19	20	11	2	30	10	19	25	23	16	12	8
41	11	20	1	3	59	20	12	2	34	11	20	25	23	57	13	9
45	12	21	2	4	38	21	13	2	38	12	21	26	24	38	14	10
49	13	22	3	5	17	22	14	2	42	13	22	27	25	19	14	11
53	14	23	4	5	57	23	15	2	46	14	23	28	26	0	15	12
57	15	24	5	6	36	23	15	2	50	15	24	29	26	42	16	12
61	16	25	6	7	15	24	16	2	54	16	25	29	27	24	17	13
65	17	26	6	7	55	25	17	2	58	17	26	30	28	6	18	14
69	18	27	7	8	39	26	18	3	2	18	27	1	28	47	18	15
73	19	28	8	9	14	26	19	3	6	19	28	2	29	30	19	16
77	20	29	9	9	53	27	19	3	10	20	29	3	0	13	20	17
81	21	30	10	10	34	28	20	3	14	21	30	3	0	55	21	18
85	22	1	10	11	12	28	21	3	18	22	31	4	1	37	22	18
89	23	2	11	11	52	29	22	3	22	23	1	5	2	20	22	19
93	24	3	12	12	32	29	23	3	26	24	2	6	3	2	23	20
97	25	4	13	13	12	1	24	3	31	25	3	7	3	46	24	21
101	26	5	14	13	52	1	25	3	35	26	4	7	4	29	25	22
105	27	6	14	14	32	2	25	3	39	27	5	8	5	12	26	23
109	28	7	15	15	12	3	26	3	43	28	6	9	5	53	27	24
113	29	8	16	15	51	4	27	3	47	29	7	10	6	39	27	25
117	30	9	17	16	31	4	28	3	51	30	8	11	7	22	28	25

A TABLE of HOUSES for the Latitude of 51 Degree 32 Minutes, according to the Doctrine of Ptolemy, served the City of London, &c.

☉ in ♀										☉ in ☿									
Time from Noon.		10	11	12	Ascen.		2	3		Time from Noon.		10	11	12	Ascen.		2	3	
H. M.		gr.	gr.	gr.	gr.	m.	gr.	gr.		H. M.		gr.	gr.	gr.	gr.	m.	gr.	gr.	
3	51	0	8	11	7	22	28	25		6	0	0	6	6	0	0	2		
3	55	1	9	12	8	6	29	26		6	4	1	7	7	0	47	2		
4	0	2	10	13	8	50	30	27		6	9	2	8	8	1	33	2		
4	4	3	10	14	9	34	1	28		6	13	3	9	9	2	19	2		
4	8	4	11	15	10	18	2	29		6	17	4	10	10	3	5	2		
4	12	5	12	16	11	3	2	30		6	22	5	11	11	3	51	2		
4	16	6	13	17	11	47	3	1		6	26	6	12	12	4	37	2		
4	21	7	14	17	12	31	4	2		6	31	7	13	13	5	23	2		
4	25	8	15	18	13	16	5	3		6	35	8	14	14	6	9	2		
4	29	9	16	19	14	1	6	4		6	39	9	15	15	6	55	2		
4	32	10	17	20	14	46	7	5		6	44	10	16	16	7	40	2		
4	38	11	18	21	15	31	8	6		6	48	11	17	16	8	26	2		
4	42	12	19	21	16	16	8	7		6	52	12	18	17	9	12	2		
4	46	13	20	22	17	1	9	8		6	57	13	19	18	9	57	2		
4	51	14	21	23	17	46	10	9		7	1	14	20	19	10	41	2		
4	55	15	22	24	18	32	11	10		7	5	15	21	20	11	28	2		
4	59	16	23	24	19	17	12	11		7	9	16	22	21	12	14	2		
5	3	17	24	25	20	4	13	12		7	14	17	23	22	12	59	2		
5	8	18	25	26	20	49	14	13		7	18	18	24	22	13	45	2		
5	12	19	25	27	21	35	14	14		7	22	19	25	23	14	30	2		
5	16	20	26	28	22	20	15	14		7	27	20	26	24	15	14	2		
5	21	21	27	28	23	6	16	15		7	31	21	27	25	15	59	2		
5	25	22	28	29	23	51	17	16		7	35	22	28	25	16	44	2		
5	29	23	29	30	24	37	18	17		7	39	23	28	26	17	29	2		
5	34	24	30	1	25	25	19	18		7	44	24	29	27	18	14	2		
5	38	25	1	2	26	9	20	19		7	48	25	30	28	18	58	2		
5	43	26	2	3	26	55	20	20		7	52	26	1	28	19	44	2		
5	47	27	3	4	27	41	21	21		7	56	27	2	29	20	26	2		
5	51	28	4	5	28	27	22	22		8	0	28	3	30	21	10	2		
5	56	29	5	5	29	13	23	23		8	5	29	4	1	21	5	2		
6	0	30	6	6	30	0	24	24		8	9	30	5	2	22	3	2		

TABLE of HOUSES for the Latitude of 51 Degrees, 32 Minutes, according to the Doctrine of *Ptolemy*, serving the City of *London*, &c.

☉ in ♈										☉ in ♉										
Time	from	10	11	12	Ascen.	2	3			Time	from	10	11	12	Ascen.	2	3			
from	noon	♈	♈	♈	♈	♈	♈			from	noon	♉	♉	♉	♉	♉	♉			
M.	gr.	gr.	gr.	gr.	m.	gr.	gr.			H. M.	gr.	gr.	gr.	gr.	m.	gr.	gr.			
8	9	0	5	2	22	38	19	22		10	8	0	2	26	13	30	13	20		
8	13	1	5	3	23	22	20	23		10	12	1	3	26	4	9	14	21		
8	17	2	6	3	24	3	21	24		10	16	2	4	27	14	49	15	22		
8	21	3	7	4	24	48	22	25		10	20	3	5	28	15	29	16	23		
8	25	4	8	5	25	32	23	26		10	24	4	5	29	16	9	16	24		
8	29	5	9	6	26	19	23	27		10	27	5	6	29	16	48	17	25		
8	34	6	10	7	26	58	24	28		10	31	6	7	30	17	28	18	26		
8	38	7	11	8	27	22	25	29		10	35	7	8	1	18	6	19	27		
8	42	8	12	8	28	3	26	30		10	39	8	9	2	18	48	20	28		
8	46	9	13	9	29	6	27	1		10	42	9	10	2	19	27	20	29		
8	50	10	14	10	29	48	27	2		10	46	10	11	3	20	6	21	30		
8	54	11	15	11	30	30	28	3		10	50	11	11	4	20	48	22	1		
8	58	12	16	12	1	13	29	4		10	54	12	12	4	21	26	23	2		
9	2	13	17	12	1	55	7	4		10	57	13	13	5	22	5	24	3		
9	6	14	18	13	2	36	1	5		11	1	14	4	6	22	45	24	4		
9	10	15	18	14	3	18	2	6		11	5	15	15	7	23	24	25	5		
9	14	16	19	15	4	0	2	7		11	9	16	16	7	24	4	26	6		
9	18	17	20	16	4	41	3	8		11	12	17	17	8	24	43	27	7		
9	22	18	21	16	5	21	4	9		11	16	18	17	9	25	23	28	8		
9	26	19	22	17	6	4	5	10		11	20	19	18	10	26	3	29	10		
9	30	20	23	18	6	45	5	11		11	23	20	19	10	26	41	30	11		
9	34	21	24	19	7	26	6	12		11	27	21	20	11	27	22	0	12		
9	38	22	25	19	8	6	7	13		11	31	22	21	12	28	1	1	13		
9	41	23	26	20	8	47	8	14		11	34	23	22	13	28	40	2	14		
9	45	24	27	21	9	28	9	15		11	38	24	23	13	29	20	3	15		
9	49	25	28	22	10	8	9	16		11	42	25	23	14	29	59	4	16		
9	53	26	28	23	10	48	10	17		11	45	26	24	15	0	7	39	5	17	
9	57	27	29	23	11	29	11	18		11	49	27	25	15	1	19	5	18		
10	1	28	29	24	12	9	12	19		11	53	28	26	16	2	2	6	19		
10	5	29	1	25	12	50	12	20		11	56	29	26	17	2	39	7	20		
10	8	30	2	26	13	30	13	20		12	0	30	27	17	3	19	8	21		

A TABLE of HOUSES. for the Latitude of 51 Deg
32 Minutes, according to the Doctrine of *Ptolemy*, for
the City of *London*, &c.

☉ in ♈							☉ in ♍						
Time from Noon.	10	11	12	Ascen.	2	3	Time from Noon.	10	11	12	Ascen.	2	3
H. M.	gr.	gr.	gr.	gr. m.	gr.	gr.	H. M.	gr.	gr.	gr.	gr. m.	gr.	gr.
12 0	0	27	17	3 19	8	21	13 52	0	22	10	25	15	16
12 4	1	28	18	4 15	9	22	13 55	1	23	11	26	5	17
12 7	2	29	19	4 49	10	24	13 59	2	24	11	26	50	18
12 11	3	30	20	5 20	11	25	14 3	3	25	12	27	47	19
12 15	4	1	20	6 2	11	26	14 7	4	25	13	28	39	20
12 18	5	1	21	6 43	12	27	14 11	5	26	14	29	29	21
12 22	6	2	22	7 24	13	28	14 15	6	27	15	0	24	22
12 26	7	3	23	8 5	14	29	14 19	7	28	15	1	18	23
12 29	8	4	23	8 46	15	30	14 22	8	29	16	2	13	24
12 33	9	5	24	9 28	16	2	14 26	9	30	17	3	10	25
12 37	10	6	25	10 10	17	3	14 30	10	1	18	4	6	26
12 40	11	6	25	10 52	19	4	14 34	11	2	19	5	3	27
12 44	12	7	26	11 35	20	5	14 38	12	2	20	6	1	28
12 48	13	8	27	12 18	21	6	14 42	13	3	20	7	0	29
12 51	14	9	28	12 59	22	7	14 46	14	4	21	8	0	30
12 55	15	10	28	13 43	23	9	14 50	15	5	22	9	2	31
12 59	16	11	29	14 26	24	10	14 54	16	6	23	10	6	32
13 3	17	12	30	15 10	25	11	14 58	17	7	24	11	9	33
13 6	18	12	1	15 54	26	12	15 2	18	8	25	12	14	34
13 10	19	13	1	16 39	27	13	15 6	19	9	26	13	21	35
13 14	20	14	2	17 23	28	15	15 10	20	9	27	14	29	36
13 18	21	15	3	18 8	29	16	15 14	21	10	27	15	37	37
13 21	22	16	4	18 54	30	17	15 18	22	11	28	16	46	38
13 25	23	16	4	19 39	1	18	15 22	23	12	29	17	58	39
13 29	24	17	5	20 26	2	20	15 26	24	13	30	18	11	40
13 33	25	18	6	21 14	3	21	15 31	25	14	1	20	27	41
13 36	26	19	7	22 1	4	22	15 35	26	15	2	21	43	42
13 40	27	20	7	22 49	5	23	15 39	27	16	3	23	3	43
13 44	28	21	8	23 37	6	24	15 43	28	17	4	24	24	44
13 48	29	21	9	24 26	7	25	15 47	29	18	5	25	47	45
13 51	30	22	10	25 15	8	27	15 51	30	18	6	27	10	46

A TABLE of HOUSES for the Latitude of 51 Degrees 32 Minutes, according to the Doctrine of *Ptolemy*, serving the City of *London*, &c.

☉ in ♍							☉ in ♎						
Time from Noon.	10	11	12	Ascen.	2	3	Time from Noon.	10	11	12	Ascen.	2	3
H. M.	gr.	gr.	gr.	gr. m.	gr.	gr.	H. M.	gr.	gr.	gr.	gr. m.	gr.	gr.
20 9	0	24	4	2 50	24	12	22 8	0	3	20	4 25	20	
20 13	1	25	6	4 14	25	12	22 12	1	4	21	5 35	21	
20 17	2	27	7	5 37	26	13	22 16	2	6	23	6 23	22	
20 21	3	28	9	6 58	27	14	22 20	3	7	24	7 12	23	
20 25	4	29	11	8 17	28	15	22 24	4	8	25	8 0	23	
20 29	5	30	13	9 33	29	16	22 27	5	9	26	8 48	24	
20 34	6	2	14	10 49	30	17	22 31	6	10	28	9 35	25	
20 38	7	3	16	12 3	1	18	22 35	7	12	29	10 22	26	
20 42	8	4	18	13 14	2	19	22 39	8	13	Π	11 7	26	
20 46	9	6	19	14 24	3	20	22 42	9	14	1	11 52	27	
20 50	10	7	21	15 32	3	21	22 46	10	15	2	12 37	28	
20 54	11	8	23	16 40	4	21	22 50	11	17	3	13 22	29	
20 58	12	9	24	17 46	5	22	22 54	12	18	4	14 7	29	
21 2	13	11	26	18 55	6	23	22 57	13	19	5	14 54	30	
21 6	14	12	28	19 56	7	24	23 1	14	20	6	15 35	1	
21 10	15	13	29	20 58	8	25	23 5	15	21	7	16 17	2	
21 14	16	15	30	22 0	9	26	23 9	16	23	8	17 1	2	
21 18	17	16	2	23 0	10	27	23 12	17	24	9	17 44	3	
21 22	18	17	4	23 59	10	28	23 16	18	25	10	18 26	4	
21 26	19	19	5	24 58	11	28	23 20	19	26	11	19 9	5	
21 30	20	20	7	25 55	12	29	23 23	20	27	12	19 52	5	
21 34	21	22	8	26 51	13	30	23 27	21	29	13	20 23	6	
21 38	22	23	10	27 47	14	1	23 31	22	30	14	21 14	7	
21 41	23	24	11	28 41	15	2	23 34	23	1	15	21 56	7	
21 45	24	25	13	29 36	15	3	23 38	24	2	16	22 37	8	
21 49	25	26	14	30 29	16	4	23 42	25	3	17	23 18	9	
21 53	26	27	15	1 22	17	4	23 45	26	4	18	23 59	9	
21 57	27	29	16	2 14	18	5	23 49	27	5	19	24 39	10	
22 1	28	30	18	3 4	19	6	23 53	28	7	20	25 21	11	
22 5	29	1	19	3 56	19	7	23 56	29	8	21	26 2	12	
22 8	30	1	20	4 45	20	8	24 0	30	9	22	26 42	12	

Of the Influence of the Sun and Moon upon Human Bodies, and the Diseases thereby produced.
(Continued from my last.)

BUT to return; the Winds are produced by so many different Causes, that a Person would find himself greatly mistaken, who would attempt to account for them all upon any one Principle. Wherefore to those already explained, we may add that constant Cause of the Motion of the Air, I mean the Heat of the Sun. (m) For as Dr. Halley has demonstrated, that the Trade-Winds, which reign between the Tropics, owe their Rise to it; so it is most certain, that it may occasion various Motions of the Air in every part of the terraqueous Globe. Moreover we know that there sometimes happen violent Tempests in the upper Regions of the Air, while we enjoy a Calm below; and that the Ridges of Mountains check the Propagation of the Winds in many Places: So that it is no Wonder, that the Phenomena of the Changes of the Air, which we have ascribed to the Action of the Moon, are not always constant and uniform. Now the chief Causes of uncertain and irregular Winds are these: First, elastic Vapours forced from the Bowels of the Earth, by subterraneous Heats, and condensed by what Cause soever in the Atmosphere. Secondly, a Mixture of Effluvia of different Qualities in the Air, may, by Rarefactions and fermentations, produce Winds, and other Effects, like those resulting from the Combinations of some chemical Liquors. And that such Things happen, we are assured from the Nature of Thunder, Lightning, and Meteors. Thirdly, from the Eruptions of *Volcano's*, and Earthquakes in distant Places, Winds may be propagated to remoter Countries. Lastly, the divided or united Forces of the other Planets, and of Comets, may variously disturb the Action of the Sun and Moon. These Things being premised, it will not be difficult to show, that these Changes in our Atmosphere at High Water, New and Full Moon, the Equinoxes, &c. must occasion some Alterations in all animal Bodies; and that from the following Considerations.

First,

First, all living Creatures require Air of a determin'd Gravity, to perform Respiration easily, and with Advantage for it is by its Weight chiefly, that this Fluid insinuates itself into the Lungs. Now the Gravity, as we have proved being lessened at these Seasons, a smaller Quantity than usual will insinuate itself; and this must be of smaller Force to comminute the Blood, and forward its Passage into the left Ventricle of the Heart: Whence a slower Circulation ensues and the Secretion of the nervous Fluid is diminished.

Secondly, this Effect will be the more sure, in that the Elasticity of the Atmosphere is likewise diminished.

Air proper for Respiration must be not only heavy, but also elastic, to a certain Degree: For as this is by its Weight forced into the Cavity of the *Thorax* in Inspiration, so the Muscles of the *Thorax* and *Abdomen* press it into the more minute Ramifications of the *Bronchia* in Expiration; when the bending Force being somewhat taken off, and springing Bodies, when unbended, exerting their Power every Way in Proportion to their Pressures, the Parts of the Air push against all the Sides of the *Vesicula*, and promote the Passage of the Blood. Therefore the same Things, which cause Alterations in the Property of the Air, will more or less disturb the animal Motions. We have a convincing Instance of all this, in those who go to the Top of high Mountains for the Air is there so pure (as they call it) that is, thin, and wants so much of its Gravity and Elasticity, that they cannot take in a sufficient Quantity of it to inflate the Lungs, and therefore breathe with very great Difficulty. Lastly, all the Fluids in Animals have in them a Mixture of elastic Air, which, when set at Liberty, shews its Energy, and causes those intestine Motions we observe in the Blood and Spirits, the Excess of which is checked by the external ambient Air, while those Juices are contained in their proper Vessels. Now when the Pressure of the Atmosphere upon the Surface of our Bodies is diminished, the inward Air in the Vessels must necessarily be enabled to exert its Force, in Proportion to the lessening of the Gravity and Elasticity of the outward: Hence upon the Juices begin to ferment, change the Union and Cohesion of their Parts, and stretch the Vessels to such a Degree, as sometimes to burst the smallest of them. This is very plain in living Creatures put into the Receiver, exhausted

by the Air-Pump; which always first pant for Breath, and then swell, as the Air is more and more drawn out: Their Lungs at the same time contracting themselves, and falling so together, as to be hardly discernible, especially in the lesser Animals (n).

Concerning the Weight of the Atmosphere on a Human Body, and its Difference of Pressure at different Times, let this Estimate suffice. We will lay it down as certain, that this Weight and Pressure may be computed from the Force, with which the Air raises the Quicksilver in the Barometer. The Surface of a Man's Body, of a middle Size, is fifteen square Feet, or 2160 Inches. The Weight of a cubic Inch of Quicksilver is 8,101, &c. Ounces *Avoirdupois*. Wherefore the Pressure of the Air on every square Inch of the Human Body, in the Ratio of the Weight of the Quicksilver in the Barometer, will stand thus. A Column of Quicksilver an Inch square, can in *England* be raised in the Barometer to 30 Inches and $\frac{8}{10}$, by the Air when heaviest; and it will subside to 28 Inches, when the Air is lightest. Consequently the Air, when heaviest, will press on every Inch of the Surface of the Human Body, with the Weight of 15 Pounds and 9 Ounces; when lightest, with that of 14 Pounds 2 Ounces *Avoirdupois*. Thus the whole Body, in the heaviest Air, sustains a Weight of about 33,684 Pounds; in the lightest, of 30,622 Pounds 5 Ounces. Whence the Difference of Pressure at different Times is 3062 Pounds nearly. True it is, that the internal Air of the Human Body makes a Resistance to that Weight: But yet such Change of Pressure must necessarily have considerable Effects; especially when this internal Air, through some Defect in the animal Fluids, with which it is mixed, is increased or diminished in its natural Properties. Before we proceed to other Matters, it may be worth the while to take Notice of two Things: First, that Effects, depending on such Causes as these, must of Necessity be most visible in weak Bodies, and morbid Constitutions, when other Circumstances concur to their taking place; while strong Bodies and sound Constitutions are little affected by them. For this Reason, whatever Mischiefs do hence follow, cannot in the least disparage the wise Contrivance

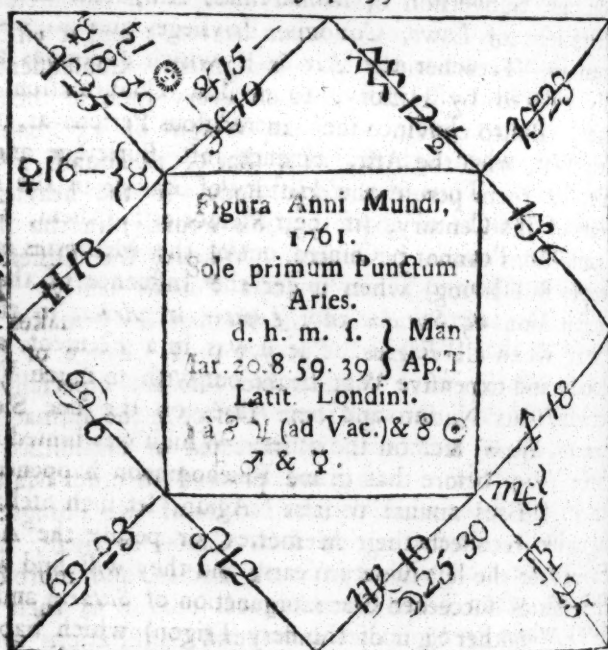
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trivance of infinite Power, in ordering these Tides in our Atmosphere. The Author of Nature has certainly made all Things to the greatest Advantage, that could be, for the whole System of Animals on our Globe, although such a Disposition might in some Cases prove prejudicial to a few. The Position and Distance of the Sun are so adjusted, as to give, in the most beneficial Manner possible, Heat and Light to the Earth.

II. Observations upon the Influence of the Planets, at the Times of the Sun's apparent Ingress into the Equinoctial and Tropical Signs, this present Year 1761.

A Scheme of the Grand Radix of the Year's Revolution or the Sun's Ingress into Aries, 1761.

R. A. $314^{\circ} 55'$.



The SPRING QUARTER

Commenceth this Year on Friday the 20th Day of March at 3 Hours 21 Seconds before Noon, at which Time

18 Degrees of *Gemini* ascend, and the 13th Degree of *Aquary* is culminating; *Saturn*, Lord thereof, is in Conjunction with the Sun in the 11th House; and *Mercury*, Lord of Ascendant, is in Conjunction with *Mars* in the same House. The Moon is posited in the 5th, departing from the Opposition of *Jupiter*, Trine of *Venus*, and the next Aspects she meets with are the Opposition of the *Sun*, *Saturn*, *Mars* and *Mercury*. What can we expect from such Positions, but to hear of Wars and Rumours of Wars, Fighting, Bloodshed, Besieging of Cities and great Towns, Mortality, and the like? For we find four Conjunctions in or near the Cardinal and Equinoctial Sign *Aries*, and first Sign of the fiery Trigon, besides the approaching great Conjunction of *Saturn* and *Jupiter* therein; such eminent Positions have ever been accounted by all Students in the Celestial Science, Promoters or Denoters of great Calamities to Mankind, as Commotions, Wars, Seditions, Subversion of Monarchies, Kingdoms and States; Alterations of Laws, Customs, Privileges and Rights, with Treasons, Treacheries, &c. &c. which Opinions are too fully evinced by History, to need a Confirmation in this Place. But to convince such incredulous Persons as, to shew their Wit, turn the Astral Science into Burlesque and Ridicule, let them peruse the History of *Europe* in the first 14 Years of this Century, (if their Memories fail them, for those Transactions cannot be erased out of the Memories of many People still living) when under the Influence of that great Conjunction of *Saturn* and *Jupiter* in *Aries*, in the Year 1702, when all *Europe* at least was in a Ferment, and that bloody and expensive War broke out with so much Violence, betwixt this Nation and her Allies on the one Side, and *France*, *Spain*, &c. on the other. Which was hinted at about three Years before that grand Phænomenon happened, by a (then) famous annual Writer. Again, let such stellular Antagonists recollect their Memories, or peruse the Annals of *Europe* for the last twenty Years, and they will find what dire Calamities succeeded the Conjunction of *Saturn* and *Jupiter* in *Leo* (another Sign of the fiery Trigon) which happened in the Year 1742, when *Europe* again was not only involved in bloody Wars, but also dreadful Earthquakes, and a grievous Mortality of great Cattle overspread many Kingdoms, the Affliction whereof was so great, that many People feel the Effects thereof

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thereof to this Day: These were also predicted several Years before by that worthy and ingenious Writer Mr. *Tycho Wing*, in his annual Performances: Nor are these present Wars and Commotions without Astral Premonitions; look back to the Years 57, 58, &c. and peruse the annual Books of *Moore*, *Partridge*, and some others, for those Years, and you may see how the Transactions of these Times were therein fairly delineated. This I thought proper to mention here, in order to convince the sober Part of Mankind at least, that the Stars were not created to be idly gazed upon, but have an Influence upon our Minds and Actions as secondary Causes, which can neither be laughed out of Countenance by Buffoonery, and far-fetched Nonsense, nor overpowered by the lazy Efforts of a crazy Sot, or gay *Epicure*. And let me tell you, the approaching great Conjunction of *Saturn* and *Jupiter* in *Aries*, will have Effects as stupendous and amazing, as any that are related in History.

III. Of the SUMMER QUARTER:

WHICH begins this Year on *Sunday* the 21st Day of *June*, at 56 Minutes past 7 in the Morning, when the 2d Degree of *Taurus* culminates, and 18 Degrees of *Leo* ascend: The Sun is posited in the 11th House, in Square to *Jupiter* and *Saturn* in the 9th; *Venus* Retrograde in the M. C. *Mars* and *Mercury* in the 11th, and the Moon in the 6th in *Sextile* to *Saturn*, and applying to the Trine of *Mars*; thus are the Planets posited at this Ingress. This is like to be a very busy active Quarter; here are 4 Planets in Cardinal Signs, and *Mars* is hastening to a Square of *Saturn* and *Jupiter* in those Signs also. All or most Nations in *Europe* are in Arms, and seem deeply immersed in the Calamities of these Times; such as Wars, Commotions and Insurrections, &c. &c. Here is also menaced great Sickness and Mortality: Some of the Places passive to these Effects are *Germany*, *Denmark*, *Prussia*, *Holland*, *Austria*, *Livonia*, *Vienna*, *Lisbon*, *Antwerp*, the *Indies East and West*, *Turkey*, *Macedonia*, &c. &c.

IV. Of the AUTUMNAL QUARTER.

THIS Quarter begins on *Tuesday* the 22d Day of *September*, at 30 Minutes past 9 at Night, when 20 Degrees of

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Aquary possess the Midheaven, and the 26th Degree of *mini* the Oriental Angle. *Mercury* is in the 5th House, in opposition to *Jupiter* Retrograde in the 11th. *Saturn* is in the 11th Retrograde opposing the Sun, *Mars* and *Venus* in conjunction are on the Cusp of the fourth, the Moon in the second is separating from the Square of *Saturn*, and applying to the * of ♀ and Δ of ♄. Here are notable Transactions signified by this Ingress; the Soldiers are still active in many countries, many and great Affairs are now acting upon the Stage of the World, to the Surprize of many; Grievances and Oppressions are the Complaints of many Countries under the fiery Trigon.

V. Of the WINTER QUARTER:

WHICH begins on Monday the 21st Day of December, at 7 Minutes past 1 in the Afternoon, when 9 Degrees of *Taurus* ascend, and 16 Degrees of *Capricorn* culminate; the Sun is located in the 9th House, in Square to *Saturn* and *Jupiter* in the 12th, and applying to the same Aspect of *Mars* in the 6th, who is in Opposition to *Saturn*: Dire Positions! but *Mercury* in Conjunction with *Venus* in the 7th, and the Moon in the 6th, separating from a Sextile of the Sun, and applying to the Trine of *Jupiter*, are of a better import. Here are signified by this Ingress great Oppositions and Divisions in the World; some are strongly inclined for Peace, and use their utmost Endeavours to accomplish it; others again are as much averse thereto, and employ their greatest Strength to oppose it; which last seems to be most prevalent; and it is to be feared, from the violent Positions of the three grand superior Planets at this Ingress, that the Seeds of Animosities, Divisions and Combustions already sown in the World, will grow up to a greater Height of Malignity.

VI. Of the ECLIPSES.

THERE is very likely to be six Eclipses this Year, four of the Sun, (tho' one is so small, that it is scarcely determinable) invisible, and two of the Moon, and only one visible. They happen in the following Order.

The first is of the Sun invisible, on May the 4th Day, at half an Hour past Five in the Afternoon.

The second is a total and visible Eclipse of the Moon, according to the following Calculation:

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The Moon eclipsed May the 18th, at Night Apparent Ti

H. M.

Beginning of the Eclipse	—	8 26	} Latit. Lond
Beginning of Total Darknes	—	9 33	
Ecliptick Opposition	—	10 18	
End of Total Darknes	—	11 8	
The Eclipse ends	—	12 15	
Time in Total Darknes	—	1 35	
Whole Duration	—	3 49	
Digits Eclipsed	—	17° 38'	

The third is an invisible Eclipse of the Sun, June the Half an Hour past One in the Morning.

The fourth is the doubtful Eclipse of the Sun; for at Time of the nearest Distance of the Centers, the Moon's altitude is but 2 or 3 Seconds less than the Sum of the Semi diameter of the Disk and Penumbra; so if it proves a (m Eclipse, it will not be visible to these Parts. It happens the 27th Day of October, at 10 at Night.

The fifth will be a total and nearly central Eclipse of Moon, on the 12th Day of November, near our Noon consequently invisible to these Parts of the Earth.

The sixth Eclipse is of the Sun invisible. It happens the 26th Day of November, at Half an Hour past 2 in Afternoon.

Also on the 6th Day of June this Year there happens a markable Transit of Venus over the Sun; and if the Air prove clear, will be visible to all Europe, Africa, and Part of Asia. At the middle Time of this Transit of Venus, she may be seen in the Sun not much unlike a Patch on a Lady's Face; Time of Appearance is expected to correspond with the following Calculation :

D. H. M.

Venus first Contact, June.	—	6 2 3	} In the Morning Appar. Time
Central Ingress	—	0 2 15	
Total Immersion	—	0 2 27	
Middle of the Transit	—	0 5 25	
Ecliptick Conjunction	—	0 5 47	
Emersion	—	0 8 23	
Central Egress	—	0 8 35	
End of the Transit	—	0 8 47	
Duration of the Transit	—	0 6 44	

F I N I S.

